Reliable & Tailor-made

Embedded Box PC | Industrial Panel PC | Industrial Monitor

Reliable • Modular • Custom

INTRODUCTION

TAICENN is a **solution provider & manufacturer** of Industrial computing & display system from China mainland. We supply embedded box computer, industrial panel PC & industrial monitor products, which are designed specifically for systems and applications that require excellent performance, high-level reliability and stability, longer supply period and support.

2007 ~ 2016
Team leaders worked on different industrial computing companies with capable experience.

In 2016
TAICENN Founded in **Shenzhen**, focus on overseas industrial market;
Positioned as a global IPC products solution provider & manufacturer;
Specially developed new product lines to meet overseas market features;
Establish excellent support & products standards.

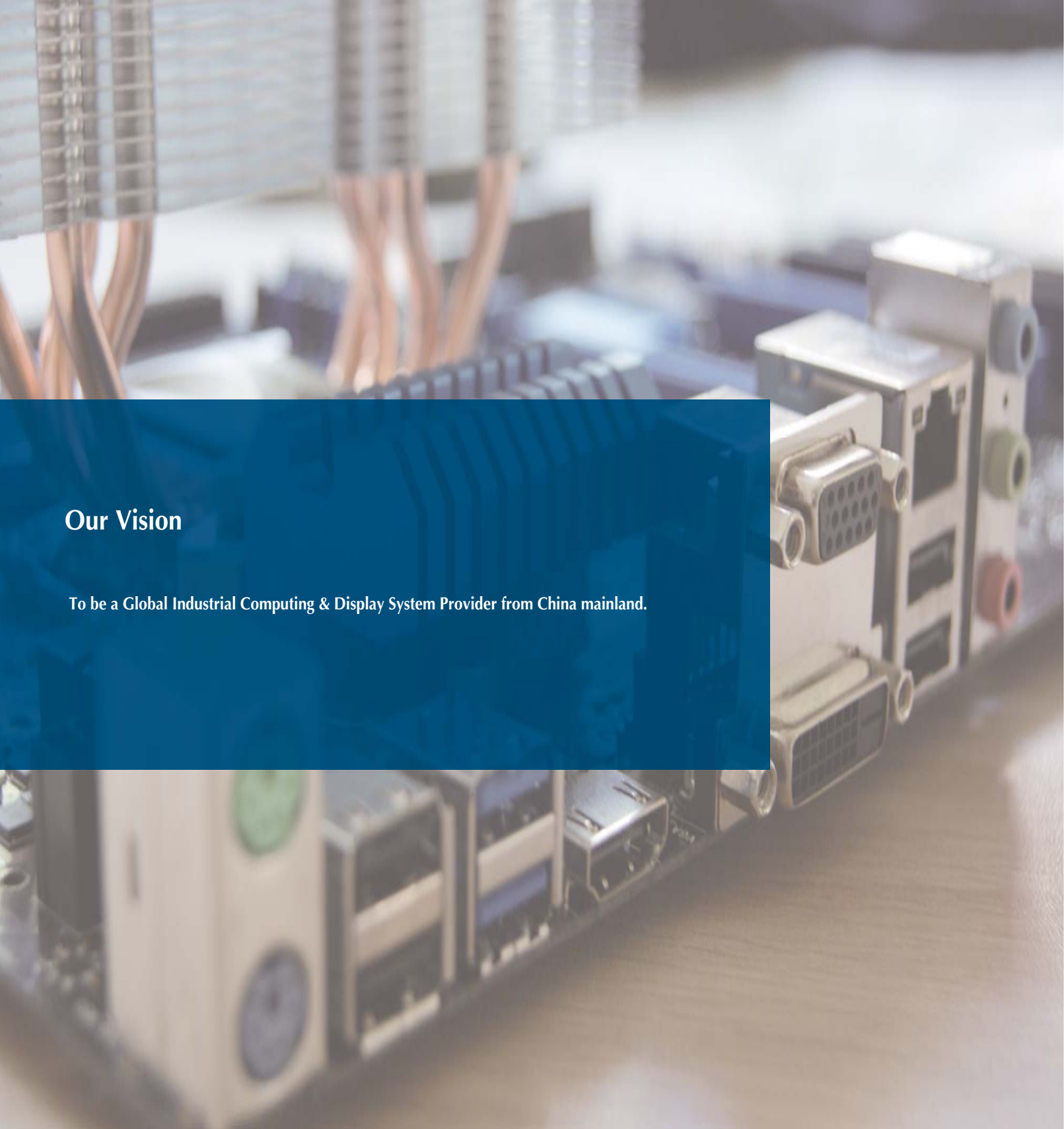
In 2017
Strictly apply "**Modular design & manufacturing**" concept;
Become a qualified supplier to "BOSCH" company;
Establish partnership with Germany, France, Italy, USA, UK, Netherlands, Brazil, Australia...

In 2018:
Developed new series of product lines to oversea market;
Applied **Modular 2.0** concept in design & manufacturing;
Local core channels established.

In 2019:
European (**Germany**) branch established;
Become a qualified supplier for "ThyssenKrupp" and "Porsche";
Schedule TAICENN American branch and local service.

In 2020:
TAICENN America branch will be established;

.....



Our Vision

To be a Global Industrial Computing & Display System Provider from China mainland.

Qualification & Certification

Industrial Panel PC & Monitor
Industrial Box Computer
Customized Computing System

Modular 2.0 Concept

Design & Manufacturing

Modularization

Standardization

Universalization

Quick-delivery

Low cost

Low inventory

Table of contents

Industrial Box Computer

- TBOX-1 series ultra-compact size Box PC ..... 2 ~ 5
- TBOX-2 series rich IO configuration Box PC ..... 7 ~ 11
- TBOX-3 series PoE function Box PC ..... 13 ~ 14

Industrial Panel PC

- TPC-DCM series slim design Pcap. touch panel pc ..... 16 ~ 19
- TPC-DRM series slim design Resistive touch panel pc ..... 21 ~ 24
- TPC-PC series rich IO Pcap. industrial touch panel pc ..... 26 ~ 29
- TPC-PR series rich IO resistive touch industrial panel pc ..... 31 ~ 34
- TPC-SC/SR series stainless steel industrial touch panel pc ..... 36 ~ 38
- TPC-RC/RR series 19.0 inch rack mount industrial panel pc ..... 40 ~ 42

Industrial Monitor

- TM-PC series panel mount capacitive touch monitor ..... 44 ~ 47
- TM-PR series panel mount resistive touch monitor ..... 49 ~ 52
- TM-OC series open-frame mount capacitive touch monitor ..... 54 ~ 56
- TM-RC/RR series 19.0 inch rack mount industrial touch monitor ..... 58 ~ 60

ODM & Customize Service

- Custom Stainless Steel solution & product 63
- Custom Arm mount solution & product 64
- Railway & High-speed Railway Ultrasonic Inspection 65
- Vehicle mount computer system 66
- Specially developed function computer system ..... 67 ~ 68

Make a note 69

Reliable & Tailor-made

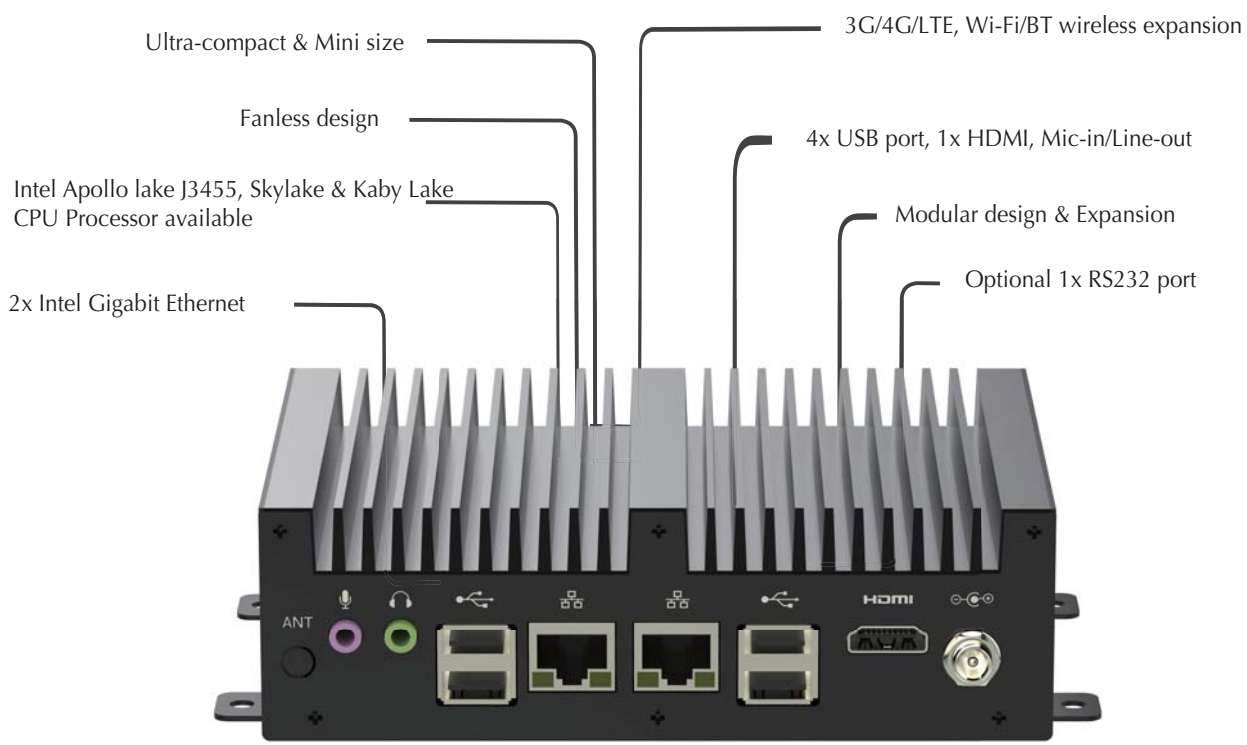
Modular design & flexible customize support

TBOX-1 Series ultra compact size Box PC

Overview:

TBOX-1 series is an ultra compact size industrial fanless box computer, and the size is close to an adult's palm. It can support multiple CPU platforms, including Intel Baytrail J1900, Apollo lake J3455, Skylake/Kaby lake Celeron and Core i3/i5/i7 CPUs for different level computing requirements. In its limited space dimension, it delivers 2x Ethernet ports, 4x USB3.0/2.0 ports, 1x HDMI display port; provides optional 3G/4G, WI-Fi/BT or other wireless expansion; It also supports industrial control modules, such as CAN-BUS.

Main features



TBOX-14/16 Series

Product model	TBOX-1410	TBOX-1600
System & Hardware		
BIOS	SPI AMI EFI BIOS	
CPU	Intel Apollo lake J3455	Intel Skylake Celeron 3855U
CPU GHz	Quad-core 1.5 Ghz, Burst to 2.3Ghz, TDP 10W	Dual-cores 1.6Ghz
Memory	SO-DIMM, DDR3L-1866MT/S, Max. up to 8GB	DDR4L, Max. up to 16GB
Storage	1* mSATA	
GPU	Intel HD Graphics 500	Intel HD Graphics 510
Network	2* Intel I211AT (Optional Wifi/3G/4G)	
Audio	On-board Realtek ACL 269 Audio controller	
Expansion	1x full-size Mini-PCIe slot	
Watch dog	0~256 seconds programmable	
System	Windows10, Linux, Unix	Win7, Win8, Win10, Linux
I/O		
COM	Default No Com (Optional with 1* RS232/RS485)	
Network	2*RJ45, 10/100/1000 Mbps	
Audio	Mic-In, Line-Out	
USB	4*USB3.0	
Display	1*HDMI	
Power Input	DC 5.5*2.5	
Structure		
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment	
Cooling System	Finned aluminum heatsinks	
Color	Black	
Indicator	Power Switch/ Power LED/ HDD LED	
Mounting	Desktop, Wall-mount (Optional with Din-Rail mount)	
Dimension	168.4 x 106.2 x 45 (mm)	
Net weight	About 0.80 KG	
Power & Environmental		
Voltage Input	DC 12V	DC 12~24V
Power Consumption	20W	25W
EMC	CE/FCC Class A	
Working temperature	-20 ℃ ~+50 ℃	
Storage temperature	-30 ℃ ~+60 ℃	
Relative humidity	10~95%@10℃ (No condensation)	
Vibration	50~500Hz,1.5G,0.15mm peak to peak	
Shock	10G/peak (11ms sec)	

TBOX-16 Series

Product model	TBOX-1610	TBOX-1620	TBOX-1630
System & Hardware			
BIOS			
CPU	Intel Skylake Core i3-6100U	Intel Skylake Core i5-6200U	Intel Skylake Core i7-6500U
CPU GHz	Dual-cores 2.3Ghz	Dual-cores 2.3Ghz, burst to 2.8Ghz	Dual-cores 2.5Ghz, burst to 3.1Ghz
Memory	DDR4L, Max. up to 16GB		
Storage	1* mSATA		
GPU	Intel HD Graphics 520		
Network	2* Intel I211AT (Optional Wifi/3G/4G)		
Audio	On-board Realtek ACL 269 Audio controller		
Expansion	1x full-size Mini-PCIe slot		
Watch dog	0~256 seconds programmable		
System	Win7, Win8, Win embedded, Win10, Linux		
I/O			
COM	Default No Com (Optional with 1* RS232/RS485)		
Network	2*RJ45, 10/100/1000 Mbps		
Audio	Mic-In, Line-Out		
USB	4*USB3.0		
Display	1*HDMI		
Power Input	DC 5.5*2.5		
Structure			
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment		
Cooling System	Finned aluminum heatsinks		
Color	Black		
Indicator	Power Switch/ Power LED/ HDD LED		
Mounting	Desktop, Wall-mount (Optional with Din-Rail mount)		
Dimension	168.4 x 106.2 x 45 (mm)		
Net weight	About 0.80 KG		
Power & Environmental			
Voltage Input	DC 12~24V		
Power Consumption	25W		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+50 ℃		
Storage temperature	-30 ℃ ~+60 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak (11ms sec)		

TBOX-17 Series

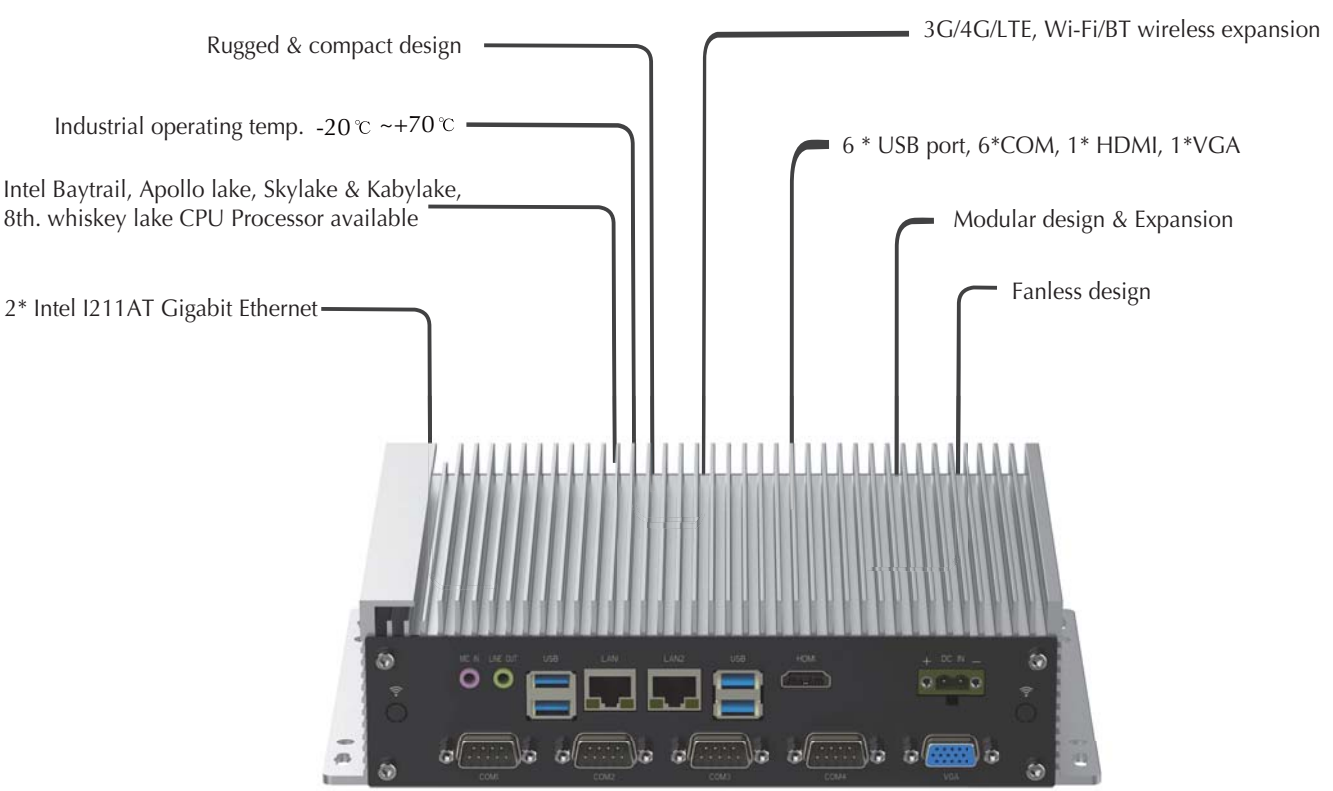
Product model	TBOX-1710	TBOX-1720	TBOX-1730
System & Hardware			
BIOS	SPI AMI EFI BIOS		
CPU	Intel Kaby Lake Core i3-7100U	Intel Kaby Lake Core i5-7200U	Intel Kaby Lake Core i7-7500U
CPU GHz	Dual-cores 2.4Ghz	Dual-cores 2.5Ghz, burst to 3.1Ghz	Dual-cores 2.7Ghz, burst to 3.5Ghz
Memory	DDR4L, Max. up to 16GB		
Storage	1* mSATA		
GPU	Intel HD Graphics 620		
Network	2* Intel I211AT (Optional Wi-Fi/3G/4G)		
Audio	On-board Realtek ACL 269 Audio controller		
Expansion	1x full-size Mini-PCIe slot		
Watch dog	0~256 seconds programmable		
System	Win7, Win8, Win10, Win embedded, Ubuntu, Linux		
I/O			
COM	Default No Com (Optional with 1* RS232/RS485)		
Network	2*RJ45, 10/100/1000 Mbps		
Audio	Mic-In, Line-Out		
USB	4*USB3.0		
Display	1*HDMI		
Power Input	DC 5.5*2.5		
Structure			
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment		
Cooling System	Finned aluminum heatsinks		
Color	Black		
Indicator	Power Switch/ Power LED/ HDD LED		
Mounting	Desktop, Wall-mount (Optional with Din-Rail mount)		
Dimension	168.4 x 106.2 x 45 (mm)		
Net weight	About 0.80 KG		
Power & Environmental			
Voltage Input	DC 12~24V		
Power Consumption	25W		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+50 ℃		
Storage temperature	-30 ℃ ~+60 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak (11ms sec)		

TBOX-2 Series rich IO configuration Box PC

Overview:

TBOX-2 series is an industrial fanless computer system, widely used in various of industrial & automation applications. It can offer multiple Intel mobile platform processors, including Baytrail Celeron J1900 processor, Apollo lake J3455 processor, 6th & 7th gen. Core i3/i5/i7 dual-core processors and newest **8th gen. whiskey lake Core i3/i5/i7** processors. TBOX-2 series is designed with rich vertical IO interfaces, includes 2x Intel Ethernet ports, 6x USB3.0/2.0 (max. up to 8x) ports, 6x DB9 serial ports, 1* HDMI and 1* VGA display ports. It supports 3G/4G/LTE, Wi-Fi/BT wireless expansion and industrial modules such as CAN-BUS/ProfiNet card via full-size Mini-PCIe slots.

Main features



TBOX-23/24 Series

Product model	TBOX-2310	TBOX-2410	TBOX-2420
System & Hardware			
BIOS	SPI AMI EFI BIOS		
CPU	Intel Baytrail J1900	Intel Apollo lake J3455	Intel Apollo lake J3355
CPU GHz	Quad-cores 2.0Ghz, burst to 2.42Ghz	Quad-cores 1.5Ghz, burst to 2.3Ghz	Dual-cores 2.0Ghz, burst to 2.5Ghz
Memory	SO-DIMM, DDR3L, Max. up to 8GB		
Storage	1* 2.5" SATA + 1* mSATA		
GPU	Intel HD Graphics Gen 7	Intel HD Graphics 500	
Network	2* Intel I211AT (Optional Wifi/3G/4G)		
Audio	On-board Realtek ACL 282 Audio controller	On-board Realtek ACL 269 Audio controller	
Expansion	1x full-size Mini-PCIe slot		
Watch dog	0~256 seconds programmable		
System	Win7, Win8, Win embedded, Win10, Linux	Windows10, Linux, Unix	
I/O			
COM	6* RS232 (optional with 1* RS485)		
Network	2*RJ45, 10/100/1000 Mbps		
Audio	Mic-In, Line-Out		
USB	1*USB3.0 + 5*USB2.0	4*USB3.0 + 2* USB2.0	
Display	1*HDMI + 1*VGA		
Power Input	1* 2 pins, Phoenix connector		
Structure			
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment		
Cooling System	Finned aluminum heatsinks		
Color	Black + Sliver		
Indicator	Power Switch/ Power LED/ HDD LED		
Mounting	Desktop, Wall-mount		
Dimension	236.5 x 150 x 60 (mm)		
Net weight	About 1.40KG		
Power & Environmental			
Voltage Input	DC 9~24V	DC 12V	
Power Consumption	20W		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70 ℃		
Storage temperature	-40 ℃ ~+80 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak (11ms sec)		

TBOX-26 Series

Product model	TBOX-2610	TBOX-2620	TBOX-2630
System & Hardware			
BIOS	SPI AMI EFI BIOS		
CPU	Intel Skylake Core i3-6100U	Intel Skylake Core i5-6200U	Intel Skylake Core i7-6500U
CPU GHz	Dual-cores 2.3Ghz	Dual-cores 2.3Ghz, burst to 2.8Ghz	Dual-cores 2.5Ghz, burst to 3.1Ghz
Memory	DDR4L, Max. up to 16GB		
Storage	1* 2.5" SATA + 1* mSATA		
GPU	Intel HD Graphics 520		
Network	2* Intel I211AT (Optional Wifi/3G/4G)		
Audio	On-board Realtek ACL 269 Audio controller		
Expansion	1x full-size Mini-PCIe slot		
Watch dog	0~256 seconds programmable		
System	Win7, Win8, Win embedded, Win10, Linux		
I/O			
COM	6* RS232 (optional with 1* RS485)		
Network	2*RJ45, 10/100/1000 Mbps		
Audio	Mic-In, Line-Out		
USB	4*USB3.0 + 2* USB2.0		
Display	1*HDMI + 1*VGA		
Power Input	1* 2 pins, Phoenix connector		
Structure			
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment		
Cooling System	Finned aluminum heatsinks		
Color	Black + Silver		
Indicator	Power Switch/ Power LED/ HDD LED		
Mounting	Desktop, Wall-mount (Optional with Din-Rail mount)		
Dimension	236.5 x 150 x 60 (mm)		
Net weight	About 1.40 KG		
Power & Environmental			
Voltage Input	DC 12~24V		
Power Consumption	25W		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70 ℃		
Storage temperature	-40 ℃ ~+80 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak (11ms sec)		

TBOX-27 Series

Product model	TBOX-2710	TBOX-2720	TBOX-2730
System & Hardware			
BIOS	SPI AMI EFI BIOS		
CPU	Intel Kaby Lake Core i3-7100U	Intel Kaby Lake Core i5-7200U	Intel Kaby Lake Core i7-7500U
CPU GHz	Dual-cores 2.4Ghz	Dual-cores 2.5Ghz, burst to 3.1Ghz	Dual-cores 2.7Ghz, burst to 3.5Ghz
Memory	DDR4L, Max. up to 16GB		
Storage	1* 2.5" SATA + 1* mSATA		
GPU	Intel HD Graphics 620		
Network	2* Intel I211AT (Optional Wifi/3G/4G)		
Audio	On-board Realtek ACL 269 Audio controller		
Expansion	1x full-size Mini-PCIe slot		
Watch dog	0~256 seconds programmable		
System	Win7, Win8, Win embedded, Win10, Linux		
I/O			
COM	6* RS232 (optional with 1* RS485)		
Network	2*RJ45, 10/100/1000 Mbps		
Audio	Mic-In, Line-Out		
USB	4*USB3.0 + 2* USB2.0		
Display	1*HDMI + 1*VGA		
Power Input	1* 2 pins, Phoenix connector		
Structure			
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment		
Cooling System	Finned aluminum heatsinks		
Color	Black + Silver		
Indicator	Power Switch/ Power LED/ HDD LED		
Mounting	Desktop, Wall-mount		
Dimension	236.5 x 150 x 60 (mm)		
Net weight	About 1.40 KG		
Power & Environmental			
Voltage Input	DC 12~24V		
Power Consumption	25W		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70 ℃		
Storage temperature	-40 ℃ ~+80 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak (11ms sec)		

TBOX-28 Series

Product model	TBOX-2800	TBOX-2810	TBOX-2820	TBOX-2830
System & Hardware				
BIOS	SPI AMI EFI BIOS			
CPU	Intel Celeron 4305U	Intel Core i3-8145U	Intel Core i5-8365U	Intel Core i7-8665U
CPU GHz	Dual-cores 2.20Ghz	Dual-cores 2.1Ghz, burst 3.90Ghz	Quad-core 1.60Ghz, burst 4.1Ghz	Quad-core 1.90Ghz, burst 4.8Ghz
Memory	DDR4, Max. up to 16GB			
Storage	1* 2.5" SATA + 1* mSATA			
GPU	Intel HD Graphics 620			
Network	2* Intel I211AT (Optional Wifi/3G/4G)			
Audio	On-board Realtek ACL 269 Audio controller			
Expansion	1x full-size Mini-PCIe slot			
Watch dog	0~256 seconds programmable			
System	Win10, Linux			
I/O				
COM	6* RS232 (optional with 1* RS485/RS422)			
Network	2*RJ45, 10/100/1000 Mbps			
Audio	Line-Out			
USB	4*USB3.0 + 4* USB2.0 (Max. up to 10)			
Display	1*HDMI + 1*VGA			
Power Input	1* 2 pins, Phoenix connector			
Structure				
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment			
Cooling System	Finned aluminum heatsinks			
Color	Black + Silver			
Indicator	Power Switch/ Power LED/ HDD LED			
Mounting	Desktop, Wall-mount			
Dimension	236.5 x 150 x 60 (mm)			
Net weight	About 1.5KG			
Power & Environmental				
Voltage Input	DC 9~24V			
Power Consumption	25W			
EMC	CE/FCC Class A			
Working temperature	-20 ℃ ~+70 ℃			
Storage temperature	-40 ℃ ~+80 ℃			
Relative humidity	10~95%@10℃ (No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak (11ms sec)			

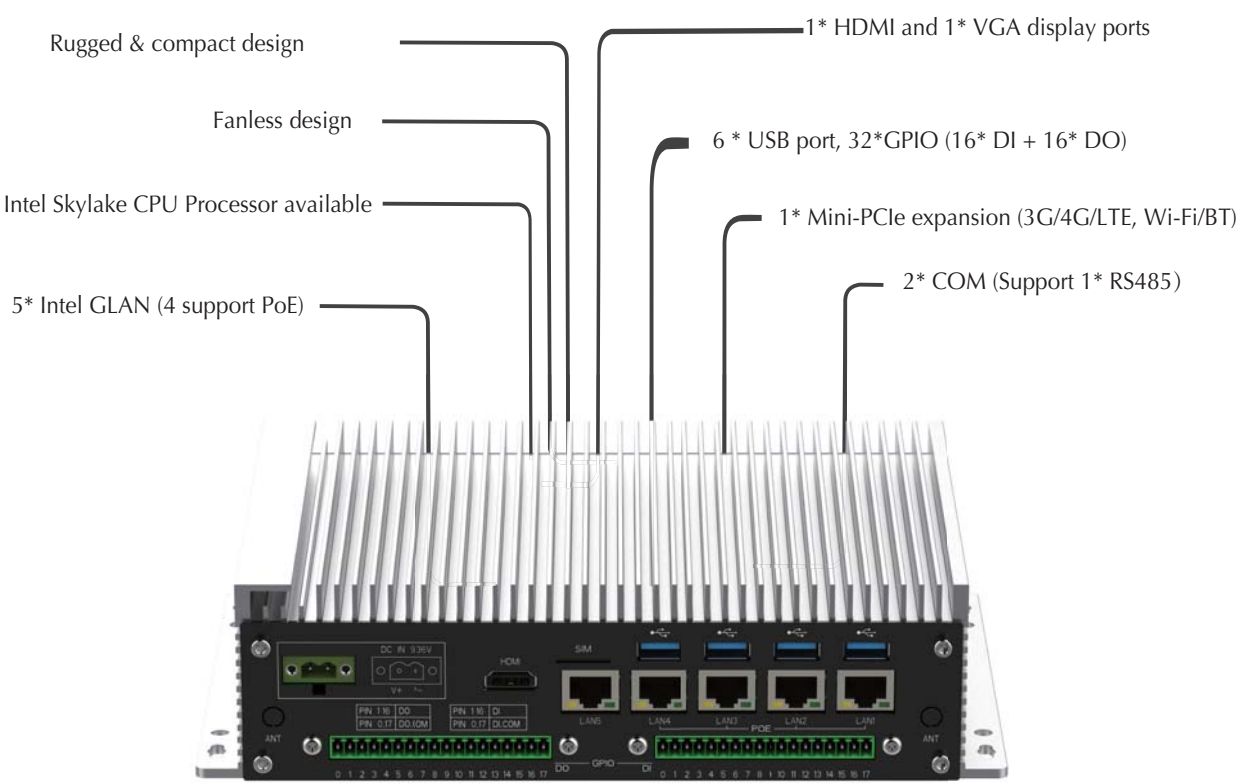
25mm 1:1.4

TBOX-3 Series PoE function Box PC

Overview:

TAICENN TBOX-3 series is an industrial fanless Box computer with multiple Ethernet ports, supports with Intel high-performance 6th/7th gen. Core i3/i5/i7 dual-core processors. TBOX-3 embedded Box PC is designed with rich IO ports, includes 5* Intel Gigabit Ethernet ports (supporting 4* PoE feature), 6* USB ports (4* camera USB ports), 2* RS232 serial ports, 1* HDMI, 1* VGA display port and 32* GPIO functions (16* DI and 16* DO). It also supports 3G/4G/LTE/Wi-Fi/Bluetooth wireless expansion and CAN-BUS industrial function modules. TBOX-3 series is an ideal solution for industrial applications such as machine vision and industrial networking.

Main features



TBOX-3 Series

Product model	TBOX-3600	TBOX-3610	TBOX-3620	TBOX-3630
System & Hardware				
BIOS				
CPU	Intel Skylake Celeron 3855U	Intel Skylake Core i3-6100U	Intel Skylake Core i5-6200U	Intel Skylake Core i7-6500U
CPU GHz	Dual-cores 1.6Ghz	Dual-cores 2.3Ghz	Dual-cores 2.3Ghz, burst 2.8Ghz	Dual-cores 2.5Ghz, burst 3.1Ghz
Memory	DDR4L, Max. up to 16GB			
Storage	1* 2.5" SATA + 1* mSATA			
GPU	Intel HD Graphics 510	Intel HD Graphics 520		
Network	5* Intel I211AT (4* support PoE function)			
Audio	On-board Realtek ACL 269 Audio controller			
Expansion	1x full-size Mini-PCIe slot			
Watch dog	0~256 seconds programmable			
System	Win7, Win8, Win embedded, Win10, Linux			
I/O				
COM	2* RS232 (optional with 1* RS485)			
Network	5*RJ45, 10/100/1000 Mbps			
GPIO	32* GPIO (16* DI + 16*DO)			
USB	4*USB3.0 + 2* USB2.0			
Display	1*HDMI + 1*VGA			
Power Input	1* 2 pins, Phoenix connector			
Structure				
Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment			
Cooling System	Finned aluminum heatsinks			
Color	Black + Silver			
Indicator	Power Switch/ Power LED/ HDD LED			
Mounting	Desktop, Wall-mount (Optional with Din-Rail mount)			
Dimension	236.5 x 150 x 60 (mm)			
Net weight	About 1.60 KG			
Power & Environmental				
Voltage Input	DC 9~36V			
Power Consumption	40W			
EMC	CE/FCC Class A			
Working temperature	-20 ℃ ~+70 ℃			
Storage temperature	-40 ℃ ~+80 ℃			
Relative humidity	10~95%@10℃ (No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak (11ms sec)			

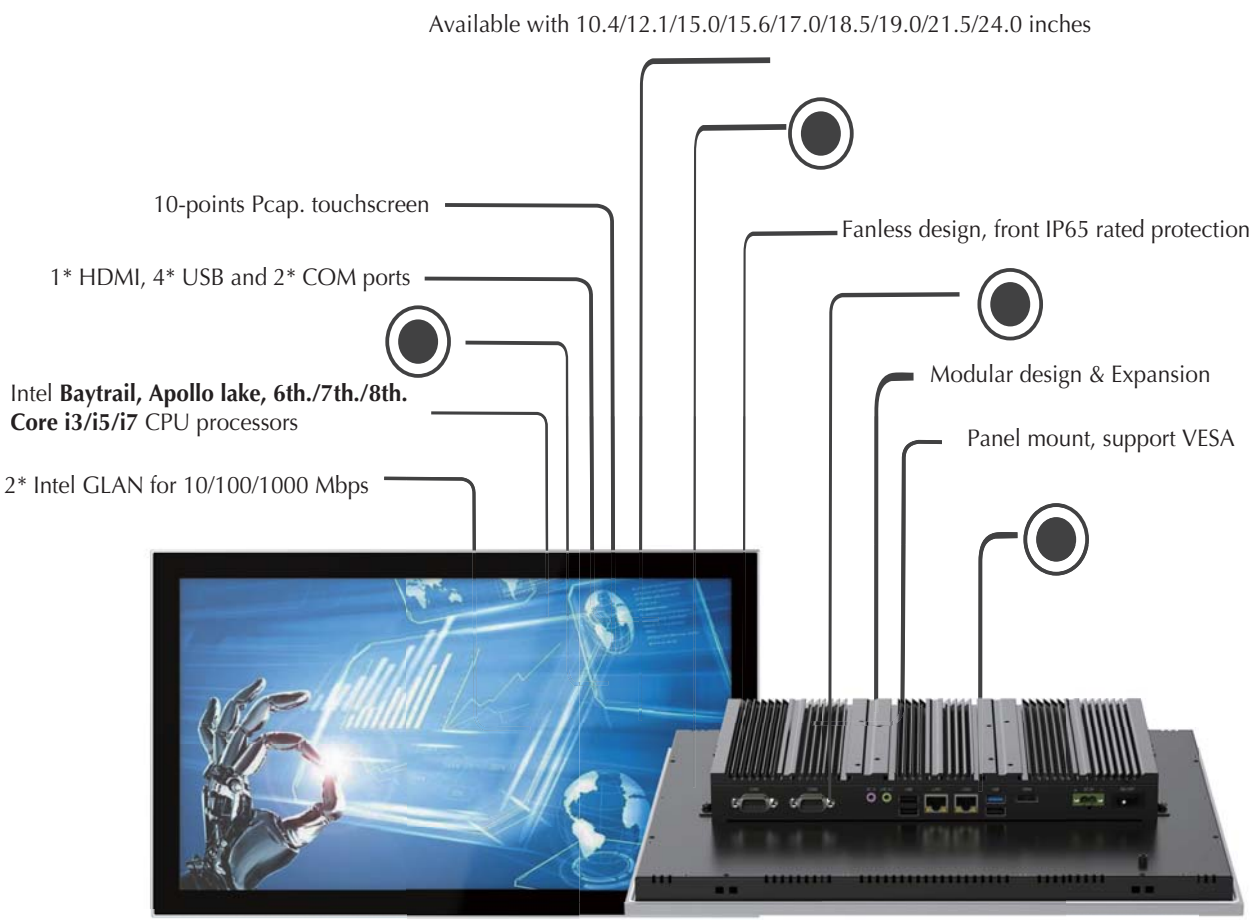
Standby
Operating
Product change over
Start up
start up
diagnostics
machine
common
dosage

TPC-DCM Series Slim Pcap. Touch panel PC

Overview:

TAICENN TPC-DCM series is a panel mount touchscreen computer with multi 10-points capacitive touch and ultra slim design. TPC-DCM series can be equipped with Intel Baytrail J1900, Apollo lake J3455, 6th./7th./8th. Core i3/i5/i7 processors, ranging from 10.4" to 24.0". The slim touchscreen panel computer TPC-DCM series is designed with 2* Ethernet ports, 4* USB port, 2* serial port, 1* HDMI display input and output interfaces.

Main features



TPC-DCM Series

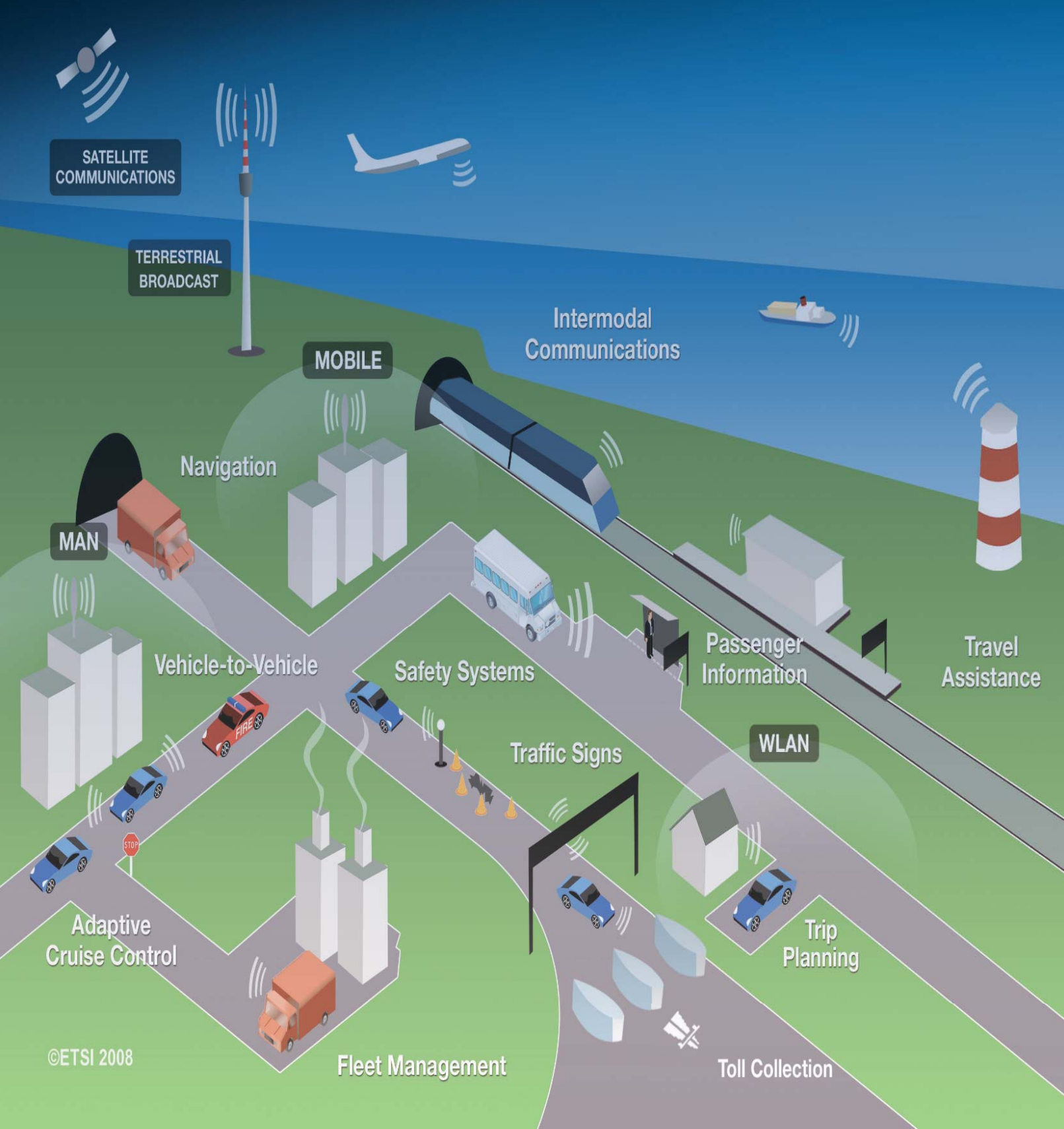
Dimension	10.4 inch	12.1 inch	15.0 inch
PC modules			
Intel Baytrail J1900	TPC-DCM104C1	TPC-DCM121C1	TPC-DCM150C1
Intel Apollo lake J3455	TPC-DCM104A1	TPC-DCM121A1	TPC-DCM150A1
Intel 6th-gen Core i3/i5/i7	N/A	N/A	TPC-DCM150S
Intel 7th-gen Core i3/i5/i7	N/A	N/A	TPC-DCM150K
Intel 8th-gen Core i3/i5/i7	N/A	N/A	TPC-DCM150W
LCD display			
Size & Type	10.4" TFT LCD	12.1" TFT LCD	15.0" TFT LCD
Resolution	1024 * 768	1024 * 768	1024 * 768
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	350 nits	350 nits	400 nits
Display area	211.2 * 158.4	245.76 * 184.32	304.128 * 228.096
View angle	150 (H) * 150 (V)	160 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SECC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, VESA 75/100		
Cut-out dimension	253 * 195 (mm)	295 * 232 (mm)	341 * 268 (mm)
Overall dimension	264 * 205.6 * 56.5 (mm)	306 * 242.5 * 56.5 (mm)	352.2 * 279.3 * 56.5 (mm)
Net weight	3.1 KG	3.5 KG	3.9 KG
Power & Environmental			
Input & Output interface	**2*GLAN, 4*USB, 1*COM, 1*HDMI, Mic-in/Line-out**		**2*GLAN, 4*USB, 2*COM, 1*HDMI**
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70 ℃		
Storage temperature	-30 ℃ ~+80 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-DCM Series

Dimension	15.6 inch	17.0 inch	18.5 inch
PC modules			
Intel Baytrail J1900	TPC-DCM156C1	TPC-DCM170C1	TPC-DCM185C1
Intel Apollo lake J3455	TPC-DMC156A1	TPC-DCM170A1	TPC-DCM185A1
Intel 6th-gen Core i3/i5/i7	TPC-DCM156S	TPC-DCM170S	TPC-DCM185S
Intel 7th-gen Core i3/i5/i7	TPC-DCM156K	TPC-DCM170K	TPC-DCM185K
Intel 8th-gen Core i3/i5/i7	TPC-DCM156W	TPC-DCM170W	TPC-DCM185W
LCD display			
Size & Type	15.6" TFT LCD	17.0 " TFT LCD	18.5 TFT LCD
Resolution	1366 * 768 (Optional Full HD)	1280 * 1024	1366 * 768
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	344.232 * 193.536 (mm)	337.92 * 270.336 (mm)	409.8 * 230.4 (mm)
View angle	170 (H) * 160 (V)	170 (H) * 160 (V)	170 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SECC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, VESA 75/100		
Cut-out dimension	385 * 237 (mm)	376 * 313 (mm)	451 * 276 (mm)
Overall dimension	395.6 * 247.9 * 56.5 (mm)	386.5 * 323.5 * 56.5 (mm)	462.4 * 286.8 * 56.5 (mm)
Net weight	4.2 KG	4.6 KG	5.6 KG
Power & Environmental			
Input & Output interface	**2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	0℃ ~ +60℃	0 ℃ ~ +50℃	0 ℃ ~ +50℃
Storage temperature	-20℃ ~ +70℃	-20 ℃ ~ +60℃	-20 ℃ ~ +60℃
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-DCM Series

Dimension	19.0 inch	21.5 inch	24.0 inch
PC modules			
Intel Baytrail J1900	TPC-DCM190C1	TPC-DCM215C1	TPC-DCM240C1
Intel Apollo lake J3455	TPC-DCM190A1	TPC-DCM215A1	TPC-DCM240A1
Intel 6th-gen Core i3/i5/i7	TPC-DCM190S	TPC-DCM215S	TPC-DCM240S
Intel 7th-gen Core i3/i5/i7	TPC-DCM190K	TPC-DCM215K	TPC-DCM240K
Intel **8th-gen Core i3/i5/i7**	TPC-DCM190W	TPC-DCM215W	TPC-DCM240W
LCD display			
Size & Type	19.0 " TFT LCD	21.5" TFT LCD	24.0" TFT LCD
Resolution	1280 * 1024	Full HD, 1920 * 1080	Full HD, 1920 * 1080
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	250 nits	250 nits	250 nits
Display area	376.32 * 301.056	476.64 * 268.11	531.36 * 298.89
View angle	178 (H) * 178(V)	178 (H) * 178 (V)	170 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, VESA 75/100		
Cut-out dimension	411 * 342 (mm)	516 * 308 (mm)	573 * 340 (mm)
Overall dimension	422.3 * 353 *56.5 (mm)	527 * 318.7 * 56.5(mm)	582 * 349.2 * 56.5 (mm)
Net weight	5.7 KG	7.1 KG	7.6 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 4*USB, 2*COM, 1*HDMI,Mic-in/Line-out**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~+50 ℃	0 ℃ ~+60 ℃	0 ℃ ~+60 ℃
Storage temperature	-20 ℃ ~+60 ℃	-20 ℃ ~+70 ℃	-20 ℃ ~+70 ℃
Relative humidity	10~95%@10 ℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

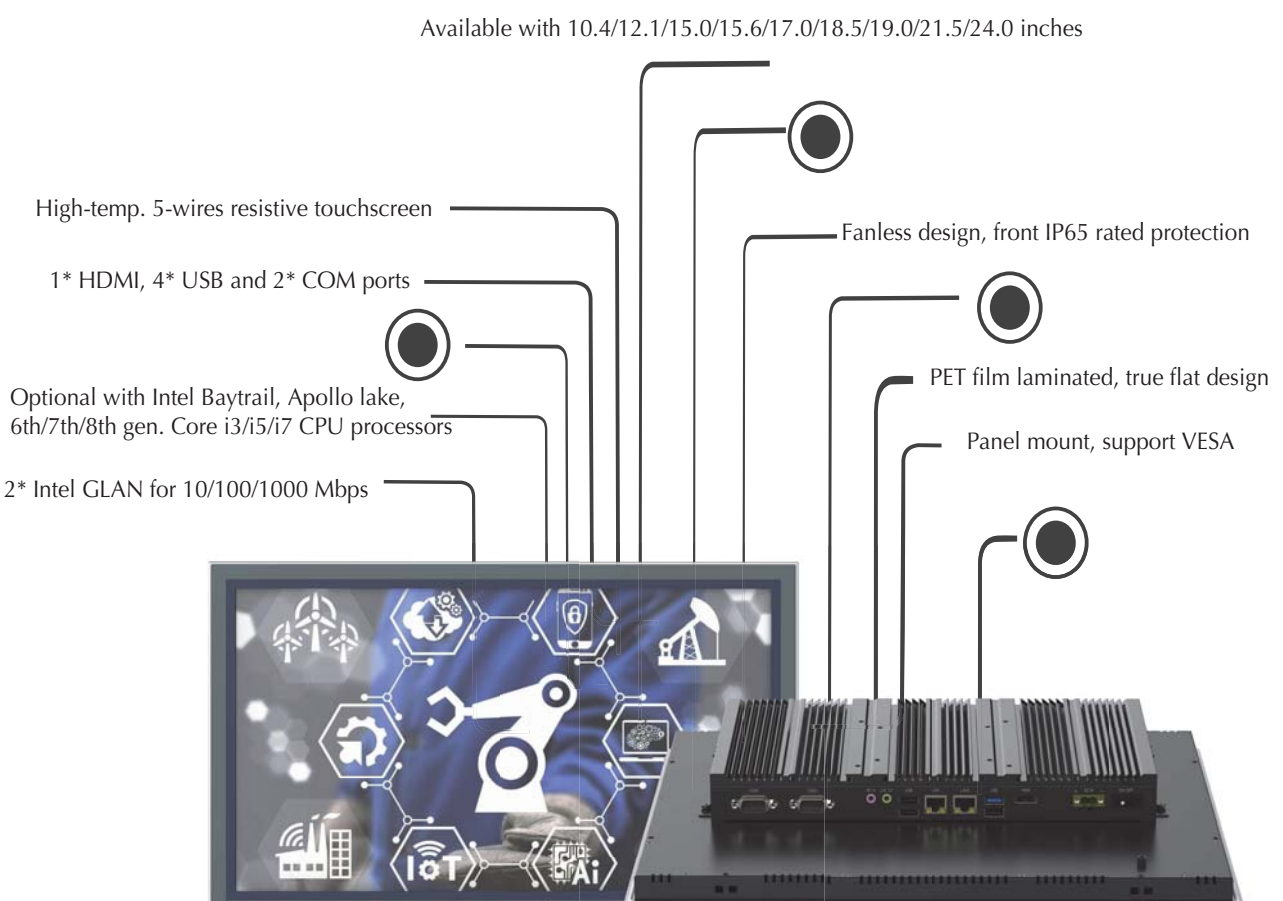

SATELLITE COMMUNICATIONS
TERRESTRIAL BROADCAST
MOBILE
Intermodal Communications
Navigation
MAN
Vehicle-to-Vehicle
Safety Systems
Passenger Information
Travel Assistance
WLAN
Traffic Signs
Adaptive Cruise Control
Trip Planning
Fleet Management
Toll Collection
FIRE
STOP
©ETSI 2008

TPC-DRM Series slim resistive touch panel PC

Overview:

TAICENN TPC-DRM series is a true flat & slim designed industrial touch panel PC with 5-wires precision resistive touch and rich IO interfaces. The TPC-DRM series can be equipped with a variety of high computing low power Intel Baytrial & Apollo lake, and 6th. /7th. /8th. gen Core i3/i5/i7 processors, ranging from 10.4" to 24.0" dimension. TPC-DRM series is designed with 2*GLAN ports, 4* USB ports, 2* serial ports, and 1* HDMI ports.

Main features



TPC-DRM Series

Dimension	10.4 inch	12.1 inch	15.0 inch
PC modules			
Intel Baytrail J1900	TPC-DRM104C1	TPC-DRM121C1	TPC-DRM150C1
Intel Apollo lake J3455	TPC-DRM104A1	TPC-DRM121A1	TPC-DRM150A1
Intel 6th-gen Core i3/i5/i7	N/A	N/A	TPC-DRM150S
Intel 7th-gen Core i3/i5/i7	N/A	N/A	TPC-DRM150K
Intel 8th-gen Core i3/i5/i7	N/A	N/A	TPC-DRM150W
LCD display			
Size & Type	10.4″ TFT LCD	12.1" TFT LCD	15.0" TFT LCD
Resolution	1024 * 768	1024 * 768	1024 * 768
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	350 nits	350 nits	400 nits
Display area	211.2 * 158.4	245.76 * 184.32	304.128 * 228.096
View angle	150 (H) * 150 (V)	160 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Precision 5-wires high temp. resistive touch		
Touch interface	USB		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, true flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA (Bracket)		
Cut-out dimension	253 * 195 (mm)	295 * 232 (mm)	341 * 268 (mm)
Overall dimension	264 * 205.6 * 56.5 (mm)	306 * 242.5 * 56.5 (mm)	352.2 * 279.3 * 56.5 (mm)
Net weight	3.1 KG	3.5 KG	3.9 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 4*USB, 1*COM, 1*HDMI, Mic-in/Line-out**		**2*GLAN, 4*USB, 2*COM, 1*HDMI**
Power input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70 ℃		
Storage temperature	-30 ℃ ~+80 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-DRM Series

Dimension	15.6 inch	17.0 inch	18.5 inch
PC modules			
Intel Baytrail J1900	TPC-DRM156C1	TPC-DRM170C1	TPC-DRM185C1
Intel Apollo lake J3455	TPC-DRM156A1	TPC-DRM170A1	TPC-DRM185A1
Intel 6th-gen Core I3/I5/I7	TPC-DRM156S	TPC-DRM170S	TPC-DRM185S
Intel 7th-gen Core I3/I5/I7	TPC-DRM156K	TPC-DRM170K	TPC-DRM185K
Intel 8th-gen Core I3/I5/I7	TPC-DRM156W	TPC-DRM170W	TPC-DRM185W
LCD display			
Size & Type	15.6" TFT LCD	17.0 " TFT LCD	18.5 TFT LCD
Resolution	1366 * 768 (Optional Full HD)	1280 * 1024	1366 * 768
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	344.232 * 193.536 (mm)	337.92 * 270.336 (mm)	409.8 * 230.4 (mm)
View angle	170 (H) * 160 (V)	170 (H) * 160 (V)	170 (H) * 160 (V)
Touch			
Type	Precision 5-wires high-temp. resistive touchscreen		
Touch interface	USB		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, True flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SECC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, VESA		
Cut-out dimension	385 * 237 (mm)	376 * 313 (mm)	451 * 276 (mm)
Overall dimension	395.6 * 247.9 * 88 (mm)	386.5 * 323.5 * 88 (mm)	462.4 * 286.8 * 88 (mm)
Net weight	4.2 KG	4.6 KG	5.6 KG
Power & Environmental			
Input & Output Interface	**2 * Intel GLAN, 4* USB, 2* COM , 1* HDMI, Mic-in/Line-out**		
Power Input & Consumption	**Depend on different CPU platform main-board solution**		
EMC	CE/FCC Class A		
Working temperature	0℃ ~ +60℃	0 ℃ ~ +50℃	0 ℃ ~ +50℃
Storage temperature	-20℃ ~ +70℃	-20 ℃ ~ +60℃	-20 ℃ ~ +60℃
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-DRM Series

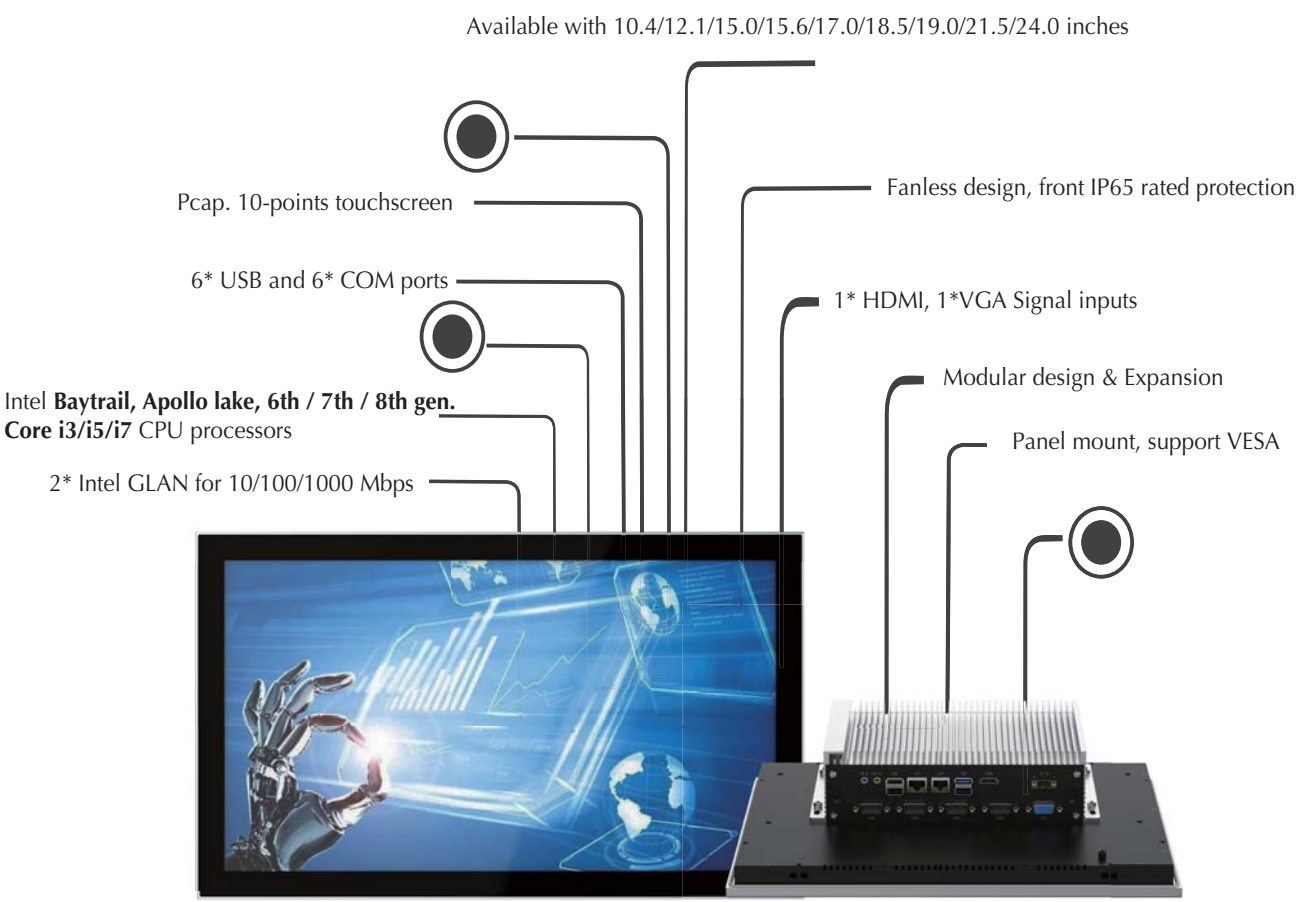
Dimension	19.0 inch	21.5 inch	24.0 inch
PC modules			
Intel Baytrail J1900	TPC-DRM190C1	TPC-DRM215C1	TPC-DRM240C1
Intel Apollo lake J3455	TPC-DRM190A1	TPC-DRM215A1	TPC-DRM240A1
Intel 6th-gen Core I3/I5/I7	TPC-DRM190S	TPC-DRM215S	TPC-DRM240S
Intel 7th-gen Core I3/I5/I7	TPC-DRM190K	TPC-DRM215K	TPC-DRM240K
Intel 8th-gen Core I3/I5/I7	TPC-DRM190W	TPC-DRM215W	TPC-DRM240W
LCD display			
Size & Type	19.0 " TFT LCD	21.5" TFT LCD	24.0" TFT LCD
Resolution	1280 * 1024	Full HD, 1920 * 1080	Full HD, 1920 * 1080
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	250 nits	250 nits	250 nits
Display area	376.32 * 301.056	476.64 * 268.11	531.36 * 298.89
View angle	178 (H) * 178 (V)	178 (H) * 178 (V)	170 (H) * 160 (V)
Touch			
Type	Precision 5-wires high-temp. resistive touchscreen		
Touch interface	> 90 %		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, True flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, VESA		
Cut-out dimension	411 * 342 (mm)	516 * 308 (mm)	573 * 340 (mm)
Overall dimension	422.3 * 353 *56.5 (mm)	527 * 318.7 * 56.5 (mm)	582 * 349.2 * 56.5 (mm)
Net weight	5.7 KG	7.1 KG	7.6 KG
Power & Environmental			
Input & Output Interfaces	**2 * Intel GLAN, 4* USB, 2* COM , 1* HDMI, Mic-in/Line-out**		
Power Input & Consumption	**Depend on different CPU platform main-board solution**		
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~+50 ℃	0 ℃ ~+60 ℃	0 ℃ ~+60 ℃
Storage temperature	-20℃ ~+60 ℃	-20℃ ~+70 ℃	-20℃ ~+70 ℃
Relative humidity	10~95%@10℃ （No condensation ）		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec ）		

TPC-PC Series rich IO Pcap. touch panel PC

Overview:

TAICENN TPC-PC series is a panel mount industrial touch panel PC, with multi 10-points capacitive touchscreen and rich IO interfaces. Based on TAICENN's modular concept design, TPC-PC series consists of TM-PC series industrial touch display module and TBOX-2 series industrial box PC module which can be equipped with a variety of Intel Celeron and Core i3/i5/i7 processor platforms. TPC-PC series is designed with 2* Ethernet ports, 6* USB ports, 6* serial ports, 1* HDMI and 1*VGA ports. The available and common stock dimensions ranges from 10.4 inches to 24 inches.

Main features



TPC-PC Series

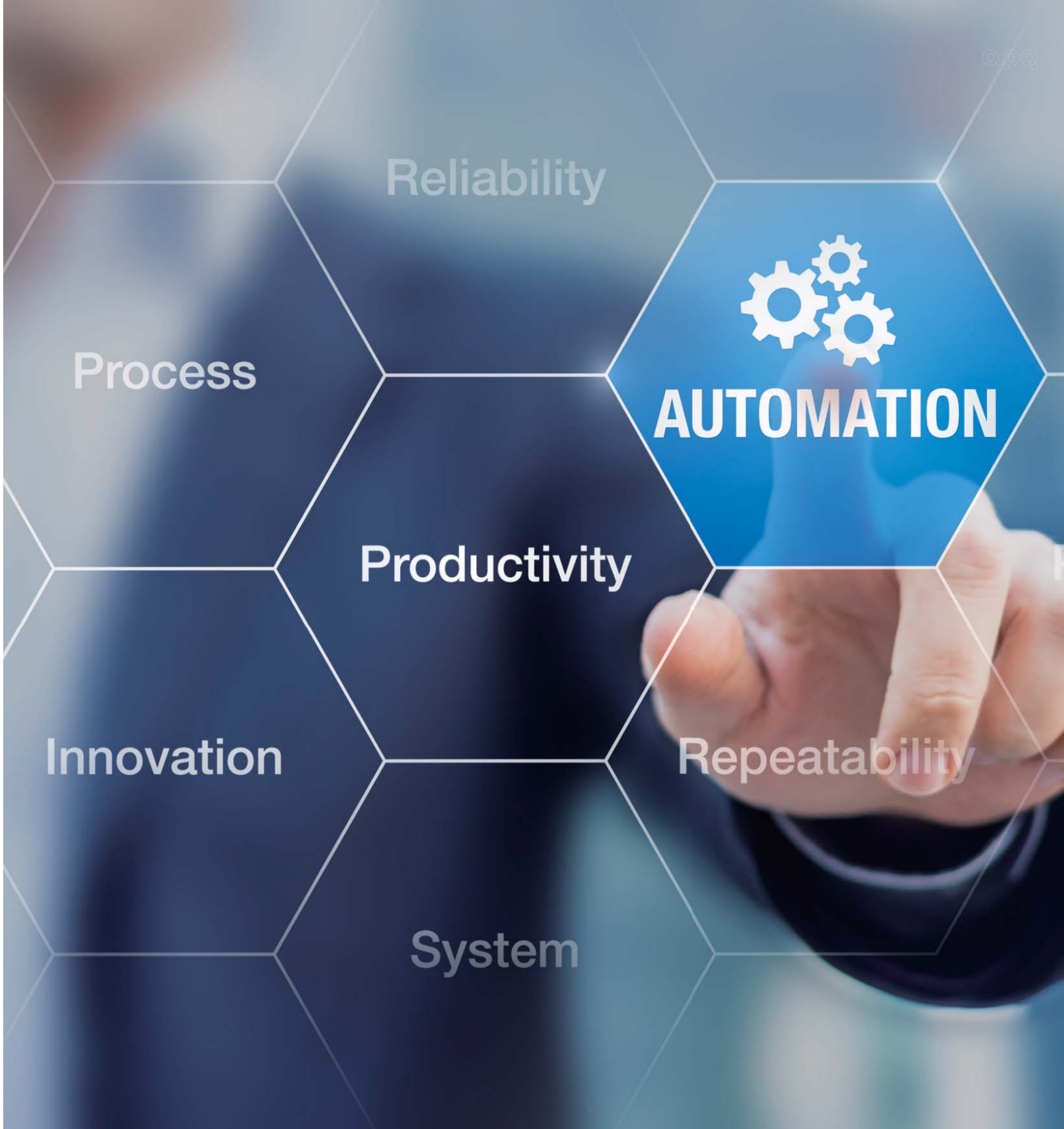
Dimension	10.4 inch	12.1 inch	15.0 inch
PC modules			
Intel Baytrail J1900 (TBOX-23)	TPC-PC104C1	TPC-PC121C1	TPC-PC150C1
Intel Apollo lake J3455 (TBOX-24)	TPC-PC104A1	TPC-PC121A1	TPC-PC150A1
Intel 6th-gen Core i3/i5/i7 (TBOX-26)	TPC-PC104S	TPC-PC121S	TPC-PC150S
Intel 7th-gen Core i3/i5/i7 (TBOX-27)	TPC-PC104K	TPC-PC121K	TPC-PC150K
Intel 8th-gen Core i3/i5/i7 (TBOX-28)	TPC-PC104W	TPC-PC121W	TPC-PC150W
LCD display			
Size & Type	10.4" TFT LCD	12.1" TFT LCD	15.0" TFT LCD
Resolution	1024 * 768	1024 * 768	1024 * 768
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	350 nits	350 nits	400 nits
Display area	211.2 * 158.4	245.76 * 184.32	304.128 * 228.096
View angle	150 (H) * 150 (V)	160 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA (Bracket)		
Cut-out dimension	253 * 195 (mm)	295 * 232 (mm)	341 * 268 (mm)
Overall dimension	264 * 205.6 * 84 (mm)	306 * 242.5 * 88 (mm)	352.2 * 279.3 * 88 (mm)
Net weight	4 KG	4.2 KG	4.5 KG
Power & Environmental			
Input & Output interface	**2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	-20℃ ~+70 ℃		
Storage temperature	-30℃ ~+80 ℃		
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-PC Series

Dimension	15.6 inch	17.0 inch	18.5 inch
PC modules			
Intel Baytrail J1900 (TBOX-23)	TPC-PC156C1	TPC-PC170C1	TPC-PC185C1
Intel Apollo lake J3455 (TBOX-24)	TPC-PC156A1	TPC-PC170A1	TPC-PC185A1
Intel 6th-gen Core i3/i5/i7 (TBOX-26)	TPC-PC156S	TPC-PC170S	TPC-PC185S
Intel 7th-gen Core i3/i5/i7 (TBOX-27)	TPC-PC156K	TPC-PC170K	TPC-PC185K
Intel 8th-gen Core i3/i5/i7 (TBOX-28)	TPC-PC156W	TPC-PC170W	TPC-PC185W
LCD display			
Size & Type	15.6" TFT LCD	17.0 " TFT LCD	18.5 TFT LCD
Resolution	1366 * 768 (Optional Full HD)	1280 * 1024	1366 * 768
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	344.232 * 193.536 (mm)	337.92 * 270.336 (mm)	409.8 * 230.4 (mm)
View angle	170 (H) * 160 (V)	170 (H) * 160 (V)	170 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA (Bracket)		
Cut-out dimension	385 * 237 (mm)	376 * 313 (mm)	451 * 276 (mm)
Overall dimension	395.6 * 247.9 * 88 (mm)	386.5 * 323.5 * 88 (mm)	462.4 * 286.8 * 88 (mm)
Net weight	5 KG	5.5 KG	6 KG
Power & Environmental			
Input & Output interface	**2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	0℃ ~ +60℃	0 ℃ ~ +50℃	0 ℃ ~ +50℃
Storage temperature	-20℃ ~ +70℃	-20 ℃ ~ +60℃	-20 ℃ ~ +60℃
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-PC Series

Dimension	19.0 inch	21.5 inch	24.0 inch
PC modules			
Intel Baytrail J1900 (TBOX-23)	TPC-PC190C1	TPC-PC215C1	TPC-PC240C1
Intel Apollo lake J3455 (TBOX-24)	TPC-PC190A1	TPC-PC215A1	TPC-PC240A1
Intel 6th-gen Core i3/i5/i7 (TBOX-26)	TPC-PC190S	TPC-PC215S	TPC-PC240S
Intel 7th-gen Core i3/i5/i7 (TBOX-27)	TPC-PC190K	TPC-PC215K	TPC-PC240K
Intel 8th-gen Core i3/i5/i7 (TBOX-28)	TPC-PC190W	TPC-PC215W	TPC-PC240W
LCD display			
Size & Type	19.0 " TFT LCD	21.5″ TFT LCD	24.0" TFT LCD
Resolution	1280 * 1024	Full HD, 1920 * 1080	Full HD, 1920 * 1080
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	250 nits	250 nits	250 nits
Display area	376.32 * 301.056	476.64 * 268.11	531.36 * 298.89
View angle	178 (H) * 178 (V)	178 (H) * 178 (V)	170 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA (Bracket)		
Cut-out dimension	411 * 342 (mm)	516 * 308 (mm)	573 * 340 (mm)
Overall dimension	422.3 * 353 *88 (mm)	527 * 318.7 * 88 (mm)	582 * 349.2 * 84 (mm)
Net weight	7 KG	7.5 KG	8 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~+50 ℃	0 ℃ ~+60 ℃	0 ℃ ~+60 ℃
Storage temperature	-20 ℃ ~+60 ℃	-20 ℃ ~+70 ℃	-20 ℃ ~+70 ℃
Relative humidity	10~95%@10 ℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

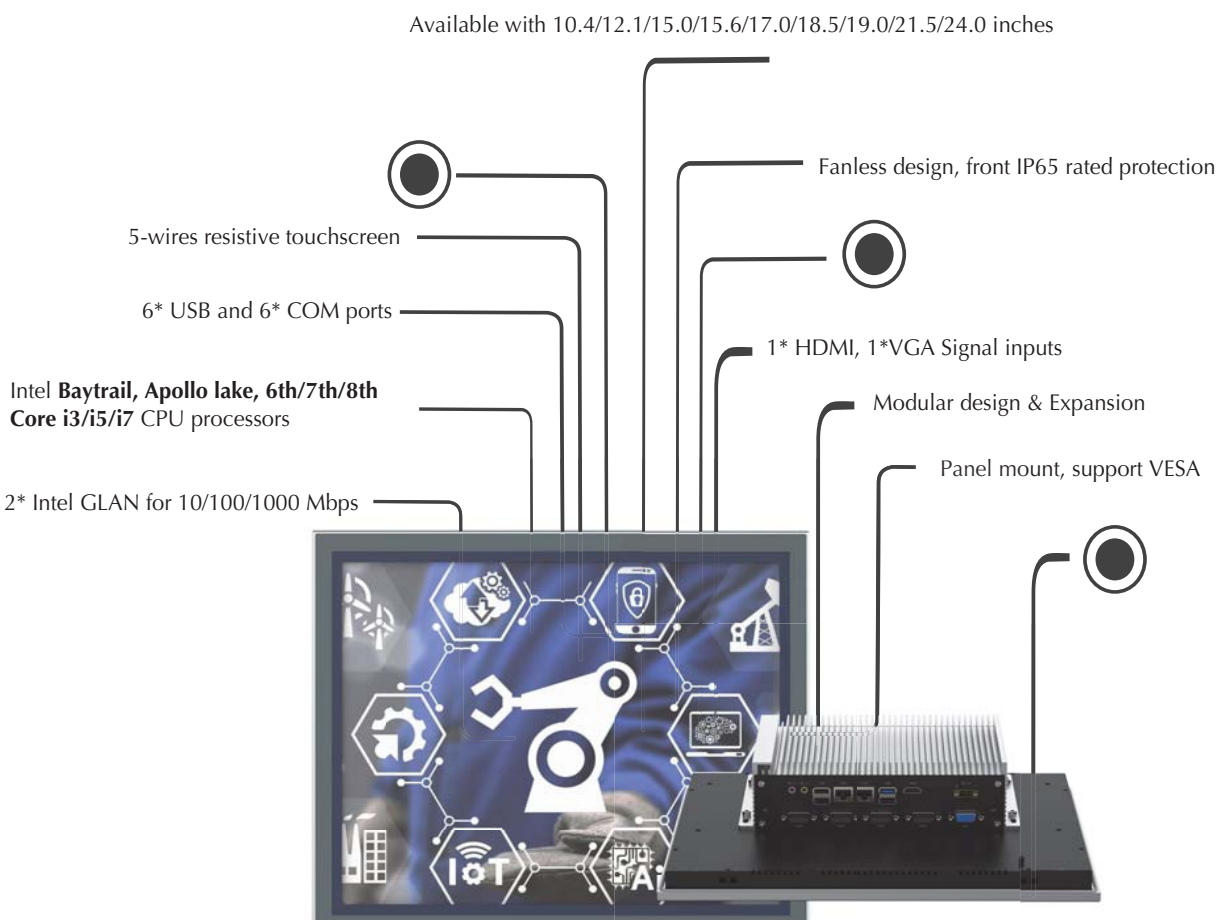

Reliability
Process
AUTOMATION
Productivity
Innovation
Repeatability
System

●TPC-PR Series rich IO resistive touch panel PC

Overview:

TAICENN TPC-PR series is a panel mount industrial touch panel PC, with high temp. 5-wires precision resistive touch and rich IO interfaces. Based on TAICENN's modular concept design, the TPC-PR series consists of TM-PR series industrial touch display module and TBOX-2 series PC modules, which can be equipped with a variety of Intel Celeron and Core i3/i5/i7 dual-core processor platforms, ranging from 10.4 inches to 24.0" availability. TPC-PR series is designed with 2* Ethernet ports, 6* USB ports, 6* serial ports, 1* HDMI and 1*VGA ports. TPC-PR series is PET laminated to achieve true flat design for resistive touchscreen panel.

● Main features



TPC-PR Series

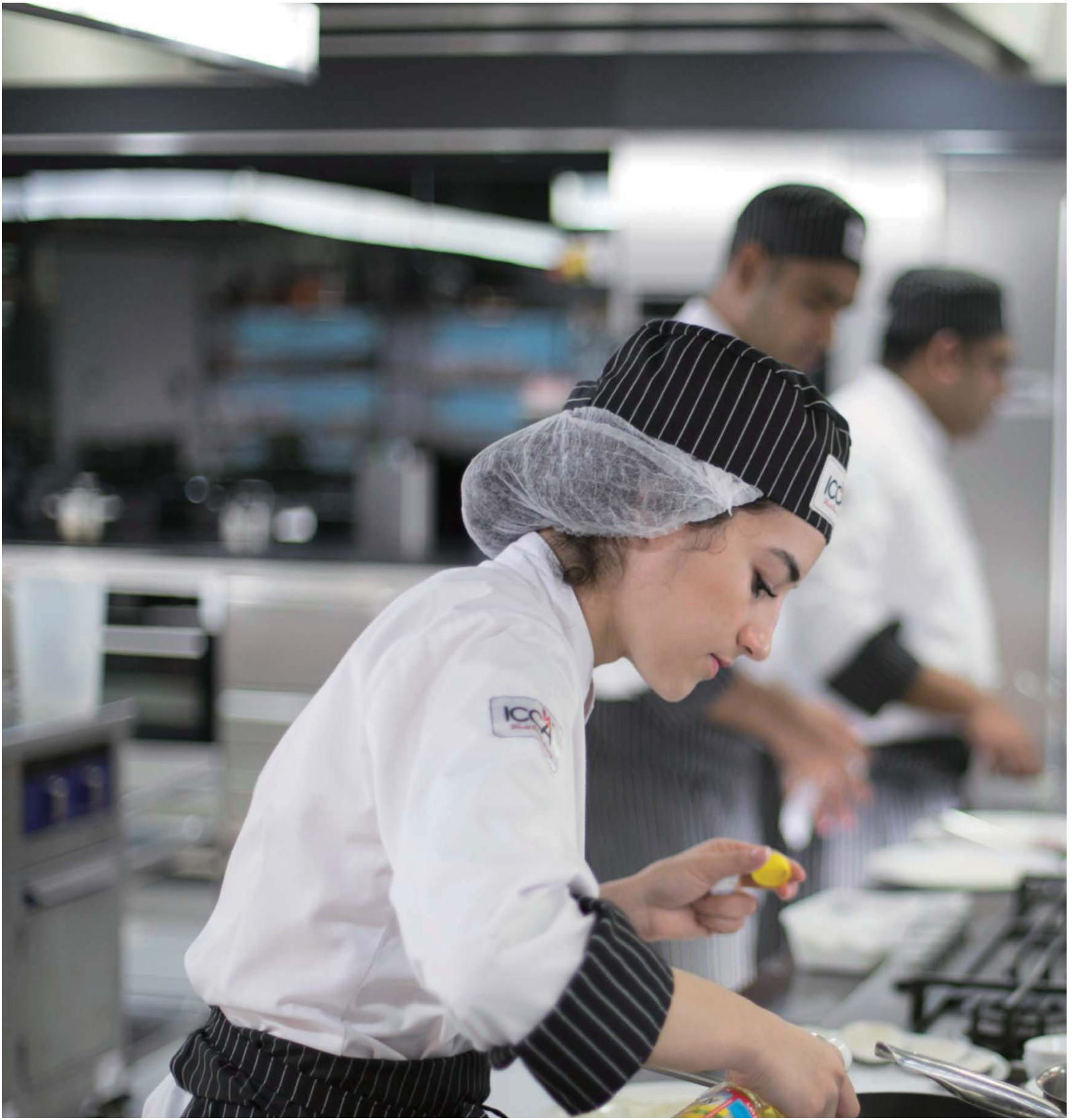
Dimension	10.4 inch	12.1 inch	15.0 inch
PC modules			
Intel Baytrail J1900 (TBOX-23)	TPC-PR104C1	TPC-PR121C1	TPC-PR150C1
Intel Apollo lake J3455 (TBOX-24)	TPC-PR104A1	TPC-PR121A1	TPC-PR150A1
Intel 6th-gen Core i3/i5/i7 (TBOX-26)	TPC-PR104S	TPC-PR121S	TPC-PR150S
Intel 7th-gen Core i3/i5/i7 (TBOX-27)	TPC-PR104K	TPC-PR121K	TPC-PR150K
Intel 8th-gen Core i3/i5/i7 (TBOX-28)	TPC-PR104W	TPC-PR121W	TPC-PR150W
LCD display			
Size & Type	10.4“ TFT LCD	12.1" TFT LCD	15.0" TFT LCD
Resolution	1024 * 768	1024 * 768	1024 * 768
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	350 nits	350 nits	400 nits
Display area	211.2 * 158.4	245.76 * 184.32	304.128 * 228.096
View angle	150 (H) * 150 (V)	160 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Precision 5-wires high temp. resistive touch		
Touch interface	USB		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, true flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA (Bracket)		
Cut-out dimension	253 * 195 (mm)	295 * 232 (mm)	341 * 268 (mm)
Overall dimension	264 * 205.6 * 84 (mm)	306 * 242.5 * 88 (mm)	352.2 * 279.3 * 88 (mm)
Net weight	4 KG	4.2 KG	4.5 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out**		
Power input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70 ℃		
Storage temperature	-30 ℃ ~+80 ℃		
Relative humidity	10~95%@10℃ （No condensation ）		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec ）		

TPC-PR Series

Dimension	15.6 inch	17.0 inch	18.5 inch
PC modules			
Intel Baytrail J1900 (TBOX-23)	TPC-PR156C1	TPC-PR170C1	TPC-PR185C1
Intel Apollo lake J3455 (TBOX-24)	TPC-PR156A1	TPC-PR170A1	TPC-PR185A1
Intel 6th-gen Core i3/i5/i7 (TBOX-26)	TPC-PR156S	TPC-PR170S	TPC-PR185S
Intel 7th-gen Core i3/i5/i7 (TBOX-27)	TPC-PR156K	TPC-PR170K	TPC-PR185K
Intel 8th-gen Core i3/i5/i7 (TBOX-28)	TPC-PR156W	TPC-PR170W	TPC-PR185W
LCD display			
Size & Type	15.6" TFT LCD	17.0" TFT LCD	18.5" TFT LCD
Resolution	1366 * 768 (Optional Full HD)	1280 * 1024	1366 * 768
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	344.232 * 193.536	337.92 * 270.336	409.8 * 230.4
View angle	170 (H) * 160 (V)	170 (H) * 160 (V)	170 (H) * 160 (V)
Touch			
Type	Precision 5-wires high-temp. resistive touch		
Touch interface	USB		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, true flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA (Bracket)		
Cut-out dimension	385 * 237 (mm)	376 * 313	451 * 276
Overall dimension	395.6 * 247.9 * 88 (mm)	386.5 * 323.5 * 88 (mm)	462.4 * 286.8 * 88 (mm)
Net weight	5 KG	5.5 KG	6 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~ +60 ℃	0 ℃ ~ +50 ℃	0 ℃ ~ +50 ℃
Storage temperature	-20 ℃ ~ +70 ℃	-20 ℃ ~ +60 ℃	-20 ℃ ~ +60 ℃
Relative humidity	10~95%@10 ℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-PR Series

Dimension	19.0 inch	21.5 inch	24.0 inch
PC Modules			
Intel Baytrail J1900 (TBOX-23)	TPC-PR190C1	TPC-PR215C1	TPC-PR240C1
Intel Apollo lake J3455 (TBOX-24)	TPC-PR190A1	TPC-PR215A1	TPC-PR240A1
Intel 6th-gen Core i3/i5/i7 (TBOX-26)	TPC-PR190S	TPC-PR215S	TPC-PR240S
Intel 7th-gen Core i3/i5/i7 (TBOX-27)	TPC-PR190K	TPC-PR215K	TPC-PR240K
Intel 8th-gen Core i3/i5/i7 (TBOX-28)	TPC-PR190W	TPC-PR215W	TPC-PR240W
LCD display			
Size & Type	19.0" TFT LCD	21.5" TFT LCD	24.0 TFT LCD
Resolution	1280 * 1024	Full HD, 1920 * 1080	Full HD, 1920 * 1080
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	250 nits	250 nits	250 nits
Display area	376.32 * 301.056	476.64 * 268.11	531.36 * 298.89
View angle	178 (H) * 178 (V)	178 (H) * 178 (V)	170 (H) * 160 (V)
Touch			
Type	Precision 5-wires high-temp. resistive touch		
Touch interface	USB		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, true flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA (Bracket)		
Cut-out dimension	411 * 342 (mm)	516 * 308 (mm)	573 * 340 (mm)
Overall dimension	422.3 * 353 * 88 (mm)	527 * 318.7 * 88 (mm)	582 * 349.2 * 84 (mm)
Net weight	7 KG	7.5 KG	8 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~ +50 ℃	0 ℃ ~ +60 ℃	0 ℃ ~ +60 ℃
Storage temperature	-20 ℃ ~ +60 ℃	-20 ℃ ~ +70 ℃	-20 ℃ ~ +70 ℃
Relative humidity	10~95%@10 ℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

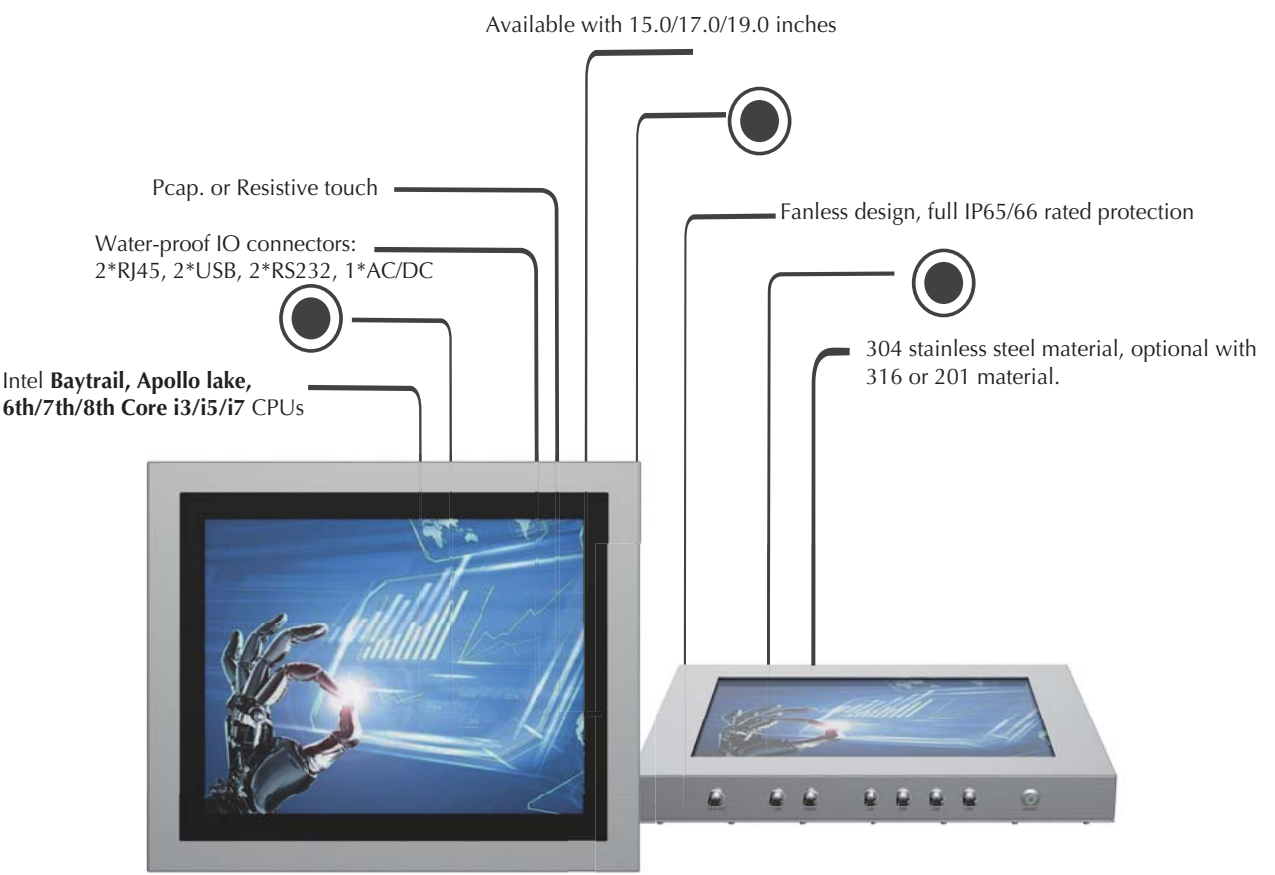


TPC-SC/SR Series Stainless Steel Panel PC

Overview:

TAICENN TPC-SC series is newly released stainless steel full IP protection industrial touch panel PC. The series can be equipped with Intel Baytrail J1900, Apollo lake J3455, 6th/7th /8th Core i3/i5/i7 processors, available with Pcap. touch, Resistive touch or no touch. There are 3 size options for our standard line, includes 15.0, 17.0 and 19.0 inches. According to application requirements, TPC-SC/ TPC-SR series also delivers lots of modification & customization, includes water-proof IO connectors (Quantity, types and position), and IP protection level, so as to provide a full solution & product for customers.

Main features



TPC-SC Series

Dimension	15.0 inch	17.0 inch	19.0 inch
PC modules			
Intel Baytrail J1900	TPC-SC150C1	TPC-SC170C1	TPC-SC190C1
Intel Apollo lake J3455	TPC-SC150A1	TPC-SC170A1	TPC-SC190A1
Intel 6th-gen Core i3/i5/i7	TPC-SC150S	TPC-SC170S	TPC-SC190S
Intel 7th-gen Core i3/i5/i7	TPC-SC150K	TPC-SC170K	TPC-SC190K
Intel **8th-gen Core i3/i5/i7**	TPC-SC150W	TPC-SC170W	TPC-SC190W
LCD display			
Size & Type	15.0 " TFT LCD	17.0" TFT LCD	19.0" TFT LCD
Resolution	1024 * 768	1280 * 1024	1280 * 1024
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	304.13 * 228.10	337.92 * 270.336	376.32 * 301.056
View angle	160 (H) * 160(V)	170 (H) * 160 (V)	178 (H) * 178 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	304 Stainless Steel material, brushed treated; Optional 316 or 201 material		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	Full IP65		
Mounting	VESA 75/100 mount		
Cut-out dimension	NA	NA	NA
Overall dimension	405.0 * 332.0 *65.0 (mm)	440.0 * 376.0 * 65(mm)	475.0 * 405.0 * 65 (mm)
Net weight	About 7.0 KG	About 8.0 KG	About 9.0 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 2*USB, 2*COM, 1*AC/DC**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	-10℃ ~+50 ℃	-10 ℃ ~+60 ℃	-10℃ ~+60 ℃
Storage temperature	-20℃ ~+60 ℃	-20℃ ~+70 ℃	-20℃ ~+70 ℃
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TPC-SR Series

Dimension	15.0 inch	17.0 inch	19.0 inch
PC modules			
Intel Baytrail J1900	TPC-SR150C1	TPC-SR170C1	TPC-SR190C1
Intel Apollo lake J3455	TPC-SR150A1	TPC-SR170A1	TPC-SR190A1
Intel 6th-gen Core i3/i5/i7	TPC-SR150S	TPC-SR170S	TPC-SR190S
Intel 7th-gen Core i3/i5/i7	TPC-SR150K	TPC-SR170K	TPC-SR190K
Intel **8th-gen Core i3/i5/i7**	TPC-SR150W	TPC-SR170W	TPC-SR190W
LCD display			
Size & Type	15.0 " TFT LCD	17.0" TFT LCD	19.0" TFT LCD
Resolution	1024 * 768	1280 * 1024	1280 * 1024
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	304.13 * 228.10	337.92 * 270.336	376.32 * 301.056
View angle	160 (H) * 160(V)	170 (H) * 160 (V)	178 (H) * 178 (V)
Touch			
Type	Precision 5-wires high-temp. Resistive touchscreen		
Touch interface	USB		
Response time	< 5ms		
Click life	250g / 35 million times		
Draw life	250g / 5 million times		
Special treatment	N/A		
Structure			
Box structure and surface	304 Stainless Steel material, brushed treated; Optional 316 or 201 material		
Cooling System	Finned aluminum heat sink; Fanless design		
IP rating	Full IP65		
Mounting	VESA 75/100 mount		
Cut-out dimension	NA	NA	NA
Overall dimension	405.0 * 332.0 *55.0 (mm)	440.0 * 376.0 * 55.0(mm)	475.0 * 405.0 * 55.0 (mm)
Net weight	About 6.5 KG	About 7.5 KG	About 8.5 KG
Power & Environmental			
Input & Output Interface	**2*GLAN, 2*USB, 2*COM, 1*DC/AC**		
Power Input & Consumption	Please refer to the modular Box PC module system specifications		
EMC	CE/FCC Class A		
Working temperature	-10℃ ~+50 ℃	-10 ℃ ~+60 ℃	-10 ℃ ~+60 ℃
Storage temperature	-20 ℃ ~+60 ℃	-20 ℃ ~+70 ℃	-20 ℃ ~+70 ℃
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

Status Line
Production
Format 1A
Operator
Production
Operation Support
Documentation
Data / Archive

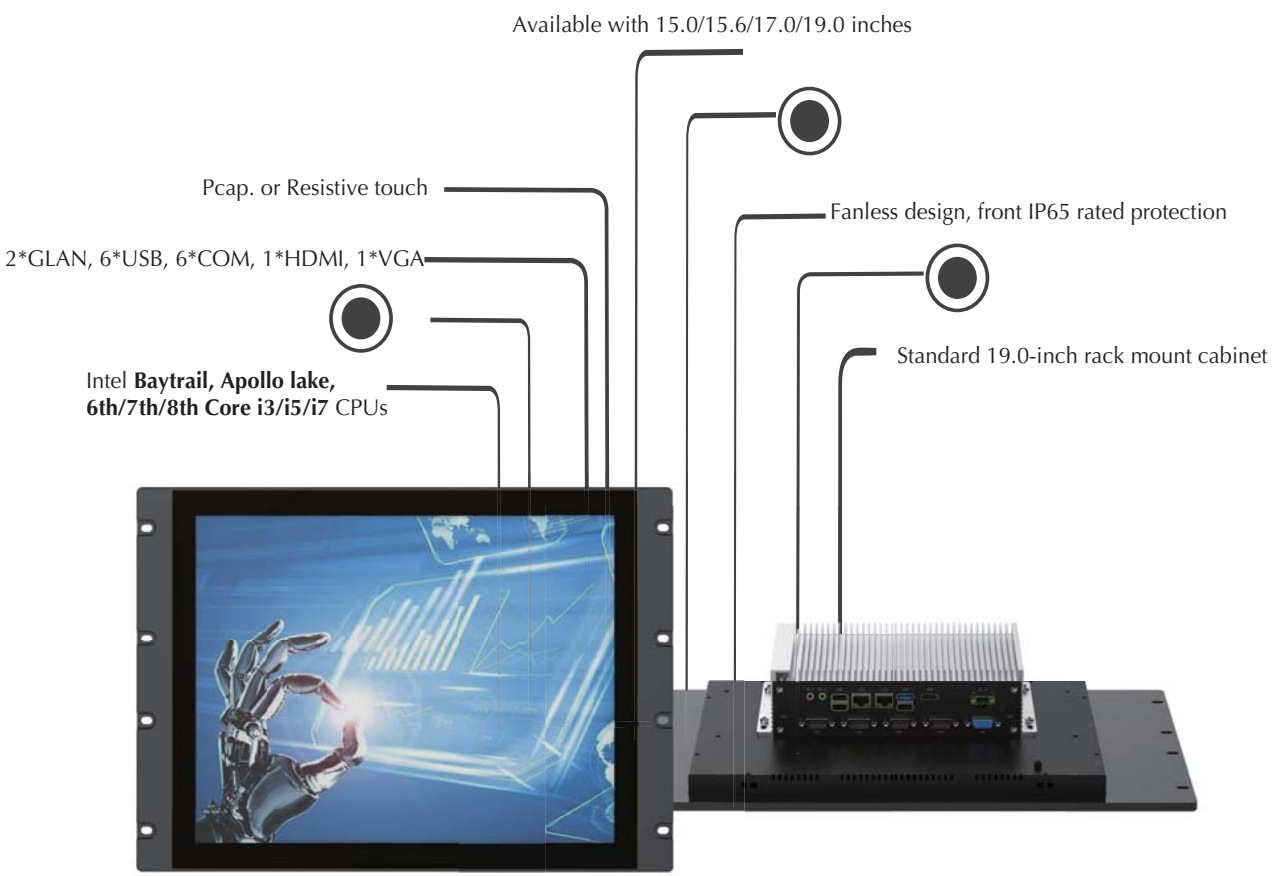
TPC-RC Series Rack Mount Panel PC

Overview:

TAICENN TPC-RC/RR series is rack mount industrial touch panel PC. The Series comes with TAICENN modular design, can be equipped with Intel Baytrail J1900, Apollo lake J3455, 6th/7th/8th Core i3/i5/i7 processors, available with Pcap. touch, Resistive touch or no touch. There are 4 size options 15.0, 15.6, 17.0 and 19.0 from TAICENN design.

TPC-RC series uses rugged and high strength constructed housing, to fit into the standard 19.0 inch wide rack mount industrial cabinet. The glass cover with multi points Pcap. touchscreen is able to protect from the impact on the LCD panel and dust.

Main features



TPC-RC Series

Dimension	15.0 inch	15.6 inch	17.0 inch	19.0 inch
Modular designed models				
Intel Baytrail J1900	TPC-RC150C1	TPC-RC156C1	TPC-RC170C1	TPC-RC190C1
Intel Apollo lake J3455	TPC-RC150A1	TPC-RC156A1	TPC-RC170A1	TPC-RC190A1
Intel 6th-gen Core i3/i5/i7	TPC-RC150S	TPC-RC156S	TPC-RC170S	TPC-RC190S
Intel 7th-gen Core i3/i5/i7	TPC-RC150K	TPC-RC156K	TPC-RC170K	TPC-RC190K
Intel **8th-gen Core i3/i5/i7**	TPC-RC150W	TPC-RC156W	TPC-RC170W	TPC-RC190W
LCD display				
Size & Type	15.0 " TFT LCD	15.6 " TFT LCD	17.0" TFT LCD	19.0" TFT LCD
Resolution	1024 * 768	1366 * 768	1280 * 1024	1280 * 1024
Backlit & MTBF	LED, 50 000 hours	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	400 nits	250 nits	250 nits
Display area	304.13 * 228.10	344.23 * 193.54	337.92 * 270.336	376.32 * 301.056
View angle	160 (H) * 160(V)	170 (H) * 160(V)	170 (H) * 160 (V)	178 (H) * 178 (V)
Touch				
Type	Projective capacitive (Pcap. Or PCT) touchscreen			
Touch interface	USB			
Touch points	Multi-points, Max. up to 10 points			
Durability	>100 000 000 times			
Surface hardness	Mohs 6H			
Special treatment	Anti-finger (AF)			
Structure				
Box structure and surface	Magnesium-aluminum alloy, anodized treated; SECC plate sheet			
Cooling System	Finned aluminum heat sink; Fanless design			
IP rating	Front IP65			
Mounting	Standard 19.0 inch rack mount			
Height	7U rack-mount unit	6U rack mount unit	8U rack mount unit	8U rack mount unit
Overall dimension	482.0 * 310.0 *84.0 (mm)	482.0 * 266.0 * 84(mm)	482.0 * 354.0* 84(mm)	482.0 * 354.0 * 84 (mm)
Net weight	About 5.0 KG	About 5.6 KG	About 6.1 KG	About 7.5 KG
Power & Environmental				
Input & Output Interface	**2*GLAN, 6*USB, 6*COM, 1*VGA, 1*HDMI**			
Power Input & Consumption	Please refer to the modular Box PC module system specifications			
EMC	CE/FCC Class A			
Working temperature	-20℃ ~+60 ℃	0 ℃ ~+60 ℃	0 ℃ ~+50 ℃	0 ℃ ~+50 ℃
Storage temperature	-20℃ ~+70 ℃	-20℃ ~+70 ℃	-20℃ ~+60 ℃	-20℃ ~+60 ℃
Relative humidity	10~95%@10℃ (No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak(11ms sec)			

TPC-RR Series

Dimension	15.0 inch	15.6 inch	17.0 inch	19.0 inch
Modular designed models				
Intel Baytrail J1900	TPC-RR150C1	TPC-RR156C1	TPC-RR170C1	TPC-RR190C1
Intel Apollo lake J3455	TPC-RR150A1	TPC-RR156A1	TPC-RR170A1	TPC-RR190A1
Intel 6th-gen Core i3/i5/i7	TPC-RR150S	TPC-RR156S	TPC-RR170S	TPC-RR190S
Intel 7th-gen Core i3/i5/i7	TPC-RR150K	TPC-RR156K	TPC-RR170K	TPC-RR190K
Intel **8th-gen Core i3/i5/i7**	TPC-RR150W	TPC-RR156W	TPC-RR170W	TPC-RR190W
LCD display				
Size & Type	15.0 " TFT LCD	15.6 " TFT LCD	17.0" TFT LCD	19.0" TFT LCD
Resolution	1024 * 768	1366 * 768	1280 * 1024	1280 * 1024
Backlit & MTBF	LED, 50 000 hours	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	400 nits	250 nits	250 nits
Display area	304.13 * 228.10	344.23 * 193.54	337.92 * 270.336	376.32 * 301.056
View angle	160 (H) * 160(V)	170 (H) * 160(V)	170 (H) * 160 (V)	178 (H) * 178 (V)
Touch				
Type	Precision 5-wires high temp. Resistive touch			
Touch interface	USB			
Touch points	< 5ms			
Durability	250g/ 35 million times			
Surface hardness	250g/ 5 million times			
Special treatment	PET film laminated, true flat design			
Structure				
Box structure and surface	Magnesium-aluminum alloy, anodized treated; SECC plate sheet			
Cooling System	Finned aluminum heat sink; Fanless design			
IP rating	Front IP65			
Mounting	Standard 19.0 inch rack mount			
Height	7U rack-mount unit	6U rack mount unit	8U rack mount unit	8U rack mount unit
Overall dimension	482.0 * 310.0 *84.0 (mm)	482.0 * 266.0 * 84(mm)	482.0 * 354.0* 84(mm)	482.0 * 354.0 * 84 (mm)
Net weight	About 5.0 KG	About 5.6 KG	About 6.1 KG	About 7.5 KG
Power & Environmental				
Input & Output Interface	**2*GLAN, 6*USB, 6*COM, 1*VGA, 1*HDMI**			
Power Input & Consumption	Please refer to the modular Box PC module system specifications			
EMC	CE/FCC Class A			
Working temperature	-20℃ ~+60 ℃	0 ℃ ~+60 ℃	0 ℃ ~+50 ℃	0 ℃ ~+50 ℃
Storage temperature	-20℃ ~+70 ℃	-20℃ ~+70 ℃	-20℃ ~+60 ℃	-20℃ ~+60 ℃
Relative humidity	10~95%@10℃ (No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak(11ms sec)			

IGBT SUBSTRATE TEST LINE

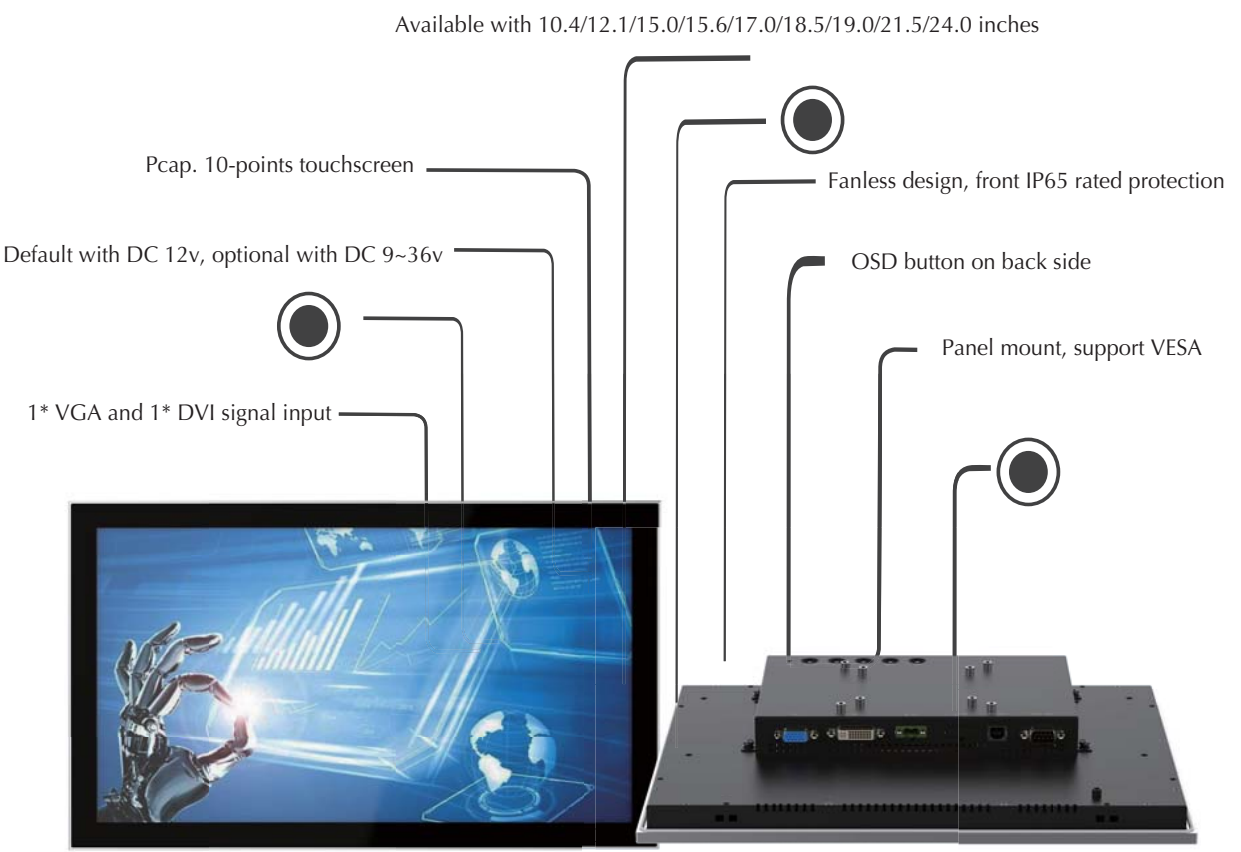
TM-PC Series panel mount Pcap. touch monitor

Overview:

TAICENN TM-PC series is a panel mount multi 10-points projective capacitive touch (Pcap. Or PCT) industrial monitor that supports panel mount and VESA 75/100 mount. TM-PC series capacitive touch monitor can be connected to 1* VGA and 1* DVI display port, equipped with excellent algorithm EETI controller; support multi-points (max. up to 10 points) touch; By default, the touch interface is USB interface, also optional with RS232 serial touch interface. TM-PC series supports DC 12V voltage input and optional wide voltage DC 9~36v power input.

The TM-PC series has a wide range of dimensions from 10.4" to 24", includes 10.4", 12.1", 15.0", 15.6" 17.0", 18.5", 19.0", 21.5" and 24.0". It also offers optional features, such as high resolution, high brightness solution, light sensor, full IP65 protection.

Main features



TM-PC Series

Dimension	10.4 inch	12.1 inch	15.0 inch
Model no.	TM-PC104	TM-PC121	TM-PC150
Display output	1* VGA + 1* DVI dual display		
LCD display			
Size & Type	10.4" TFT LCD	12.1" TFT LCD	15.0" TFT LCD
Resolution	1024 * 768	1024 * 768	1024 * 768
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	350 nits	350 nits	400 nits
Display area	211.2 * 158.4	245.76 * 184.32	304.128 * 228.096
View angle	150 (H) * 150 (V)	160 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA		
Cut-out dimension	253 * 195 (mm)	295 * 232 (mm)	341 * 268 (mm)
Overall dimension	264 * 205.6 * 51 (mm)	306 * 242.5 * 55 (mm)	352.2 * 279.3 * 55 (mm)
Net weight	2.5 KG	2.7 KG	3.0 KG
Power & Environmental			
Voltage Input	DC 12V, optional with DC 9 ~ 36v		
Power Consumption	10W	15W	20W
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70℃	-20 ℃ ~+70 ℃	-20 ℃ ~+70 ℃
Storage temperature	-30 ℃ ~+80℃	-30 ℃ ~+80 ℃	-30 ℃ ~+80 ℃
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TM-PC Series

Dimension	15.6 inch	17.0 inch	18.5 inch
Model no.	TM-PC156	TM-PC170	TM-PC185
Display output	1* VGA + 1* DVI dual display		
LCD display			
Size & Type	15.6“ TFT LCD	17.0" TFT LCD	18.5" TFT LCD
Resolution	1366 * 768 (Optional Full HD)	1280 * 1024	1366 * 768
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	344.23 * 193.54	337.92 * 270.34	409.8 * 230.4
View angle	170 (H) * 160 (V)	170 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA		
Cut-out dimension	385 * 237 (mm)	376 * 313 (mm)	451 * 276 (mm)
Overall dimension	395.6* 247.9 * 59 (mm)	386,5 * 323.5 * 55 (mm)	462.4 * 286.6 * 55 (mm)
Net weight	3.5KG	4.0 KG	4.5 KG
Power & Environmental			
Voltage Input	DC 12V, optional with DC 9 ~ 36v		
Power Consumption	20W	20W	20W
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~ +60℃	0 ℃ ~ +50℃	0 ℃ ~ +50℃
Storage temperature	-20 ℃ ~ +70℃	-20 ℃ ~ +60℃	-20 ℃ ~ +60℃
Relative humidity	10~95%@10℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TM-PC Series

Dimension	19.0 inch	21.5 inch	24.0 inch
Model no.	TM-PC190	TM-PC215	TM-PC240
Display output	1* VGA + 1* DVI dual display		
LCD display			
Size & Type	19.0" TFT LCD	21.5" TFT LCD	24.0" TFT LCD
Resolution	1280 * 1024	1920 * 1080	1920 * 1080
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	250 nits	250 nits	250 nits
Display area	376.32 * 310.06	476.64 * 268.11	531.36 * 298.89
View angle	178 (H) * 178 (V)	178 (H) * 178 (V)	170 (H) * 160 (V)
Touch			
Type	Projective capacitive (Pcap. Or PCT) touchscreen		
Touch interface	USB		
Touch points	Multi-points, Max. up to 10 points		
Durability	>100 000 000 times		
Surface hardness	Mohs 6H		
Special treatment	Anti-finger (AF)		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA		
Cut-out dimension	411 * 342 (mm)	516 * 308 (mm)	573 * 340 (mm)
Overall dimension	422.3 * 353 * 55 (mm)	527 * 318.7 * 55 (mm)	582 * 349.2 * 55 (mm)
Net weight	5.0 KG	6 KG	6.5 KG
Power & Environmental			
Voltage Input	DC 12V, optional with DC 9 ~ 36v		
Power Consumption	20W	25W	30W
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~ +50 ℃	0 ℃ ~ +60 ℃	0 ℃ ~ +60 ℃
Storage temperature	-20 ℃ ~ +60 ℃	-20 ℃ ~ +60 ℃	-20 ℃ ~ +60 ℃
Relative humidity	10~95%@10 ℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

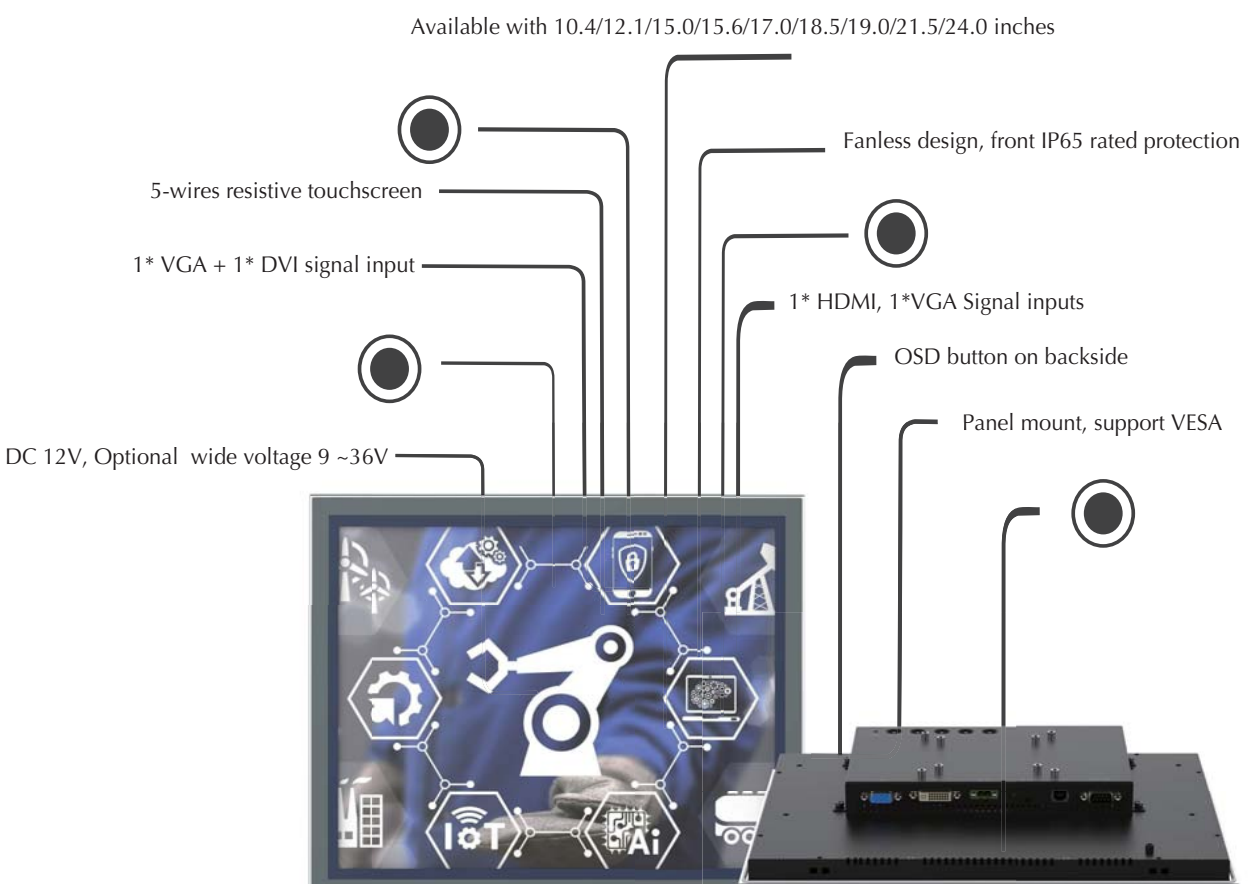
●TM-PR Series panel mount Resistive touch monitor

Overview:

TAICENN TM-PR series is a panel mount, true flat surface resistive touch industrial monitor that supports Panel mount and VESA 75/100 mount. The TM-PR series resistive touch industrial display can connect with 1* VGA and 1* DVI display interface, equipped with precision EETI touch controller, high temperature 5-wires resistive touch, and PET film laminated. The default touch interface is USB port, optional with RS232 serial touch interface. TM-PR series supports DC 12V voltage input and optional with wide voltage DC 9~36v voltage input.

TM-PR series has a wide range of sizes from 10.4" to 24", including 10.4", 12.1", 15.0", 15.6", 17.0", 18.5", 19.0", 21.5" and 24.0" dimensions. It also offers optional features, such as high resolution, high brightness solution, light sensor, full IP65 protection.

● Main features



TM-PR Series

Dimension	10.4 inch	12.1 inch	15.0 inch
Model no.	TM-PR104	TM-PR121	TM-PR150
Display output	1* VGA + 1* DVI dual display		
LCD display			
Size & Type	10.4″ TFT LCD	12.1" TFT LCD	15.0" TFT LCD
Resolution	1024 * 768	1024 * 768	1024 * 768
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	350 nits	350 nits	400 nits
Display area	211.2 * 158.4	245.76 * 184.32	304.128 * 228.096
View angle	150 (H) * 150 (V)	160 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Precision 5-wires high-temp. resistive touchscreen		
Touch interface	USB		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, true flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA		
Cut-out dimension	253 * 195 (mm)	295 * 232 (mm)	341 * 268 (mm)
Overall dimension	264 * 205.6 * 51 (mm)	306 * 242.5 * 55 (mm)	352.2 * 279.3 * 55 (mm)
Net weight	2.5 KG	2.7 KG	3.0 KG
Power & Environmental			
Voltage Input	DC 12V, optional with DC 9 ~ 36v		
Power Consumption	10W	15W	20W
EMC	CE/FCC Class A		
Working temperature	-20 ℃ ~+70 ℃	-20 ℃ ~+70 ℃	-20 ℃ ~+70 ℃
Storage temperature	-30 ℃ ~+80 ℃	-30 ℃ ~+80 ℃	-30 ℃ ~+80 ℃
Relative humidity	10~95%@10 ℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TM-PR Series

Dimension	15.6 inch	17.0 inch	18.5 inch
Model no.	TM-PR156	TM-PR170	TM-PR185
Display output	1* VGA + 1* DVI dual display		
LCD display			
Size & Type	15.6" TFT LCD	17.0" TFT LCD	18.5" TFT LCD
Resolution	1366 * 768 (Optional Full HD)	1280 * 1024	1366 * 768
Backlit & MTBF	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	250 nits	250 nits
Display area	344.23 * 193.54	337.92 * 270.34	409.8 * 230.4
View angle	170 (H) * 160 (V)	170 (H) * 160 (V)	160 (H) * 160 (V)
Touch			
Type	Precision 5-wires high-temp. resistive touchscreen		
Touch interface	USB		
Response time	< 5ms		
Click life	250g/ 35 million times		
Draw life	250g/ 5 million times		
Special treatment	PET film laminated, true flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA		
Cut-out dimension	385 * 237 (mm)	376 * 313 (mm)	451 * 276 (mm)
Overall dimension	395.6* 247.9 * 59 (mm)	386,5 * 323.5 * 55 (mm)	462.4 * 286.6 * 55 (mm)
Net weight	3.5KG	4.0 KG	4.5 KG
Power & Environmental			
Voltage Input	DC 12V, optional with DC 9 ~ 36v		
Power Consumption	20W	20W	20W
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~ +60 ℃	0 ℃ ~ +50 ℃	0 ℃ ~ +50 ℃
Storage temperature	-20 ℃ ~ +70 ℃	-20 ℃ ~ +60 ℃	-20 ℃ ~ +60 ℃
Relative humidity	10~95%@10 ℃ （No condensation ）		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec ）		

TM-PR Series

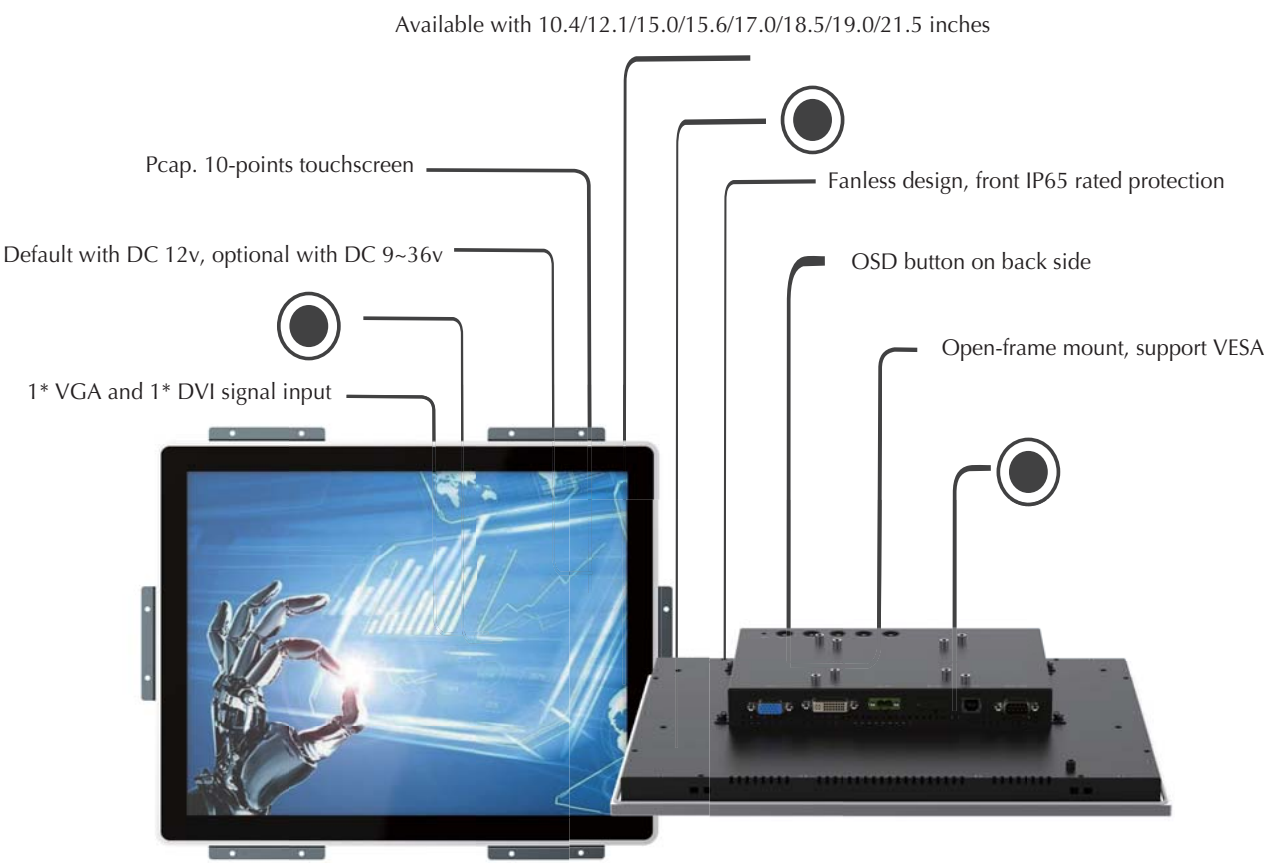
Dimension	19.0 inch	21.5 inch	24.0 inch
Model no.	TM-PR190	TM-PR215	TM-PR240
Display output	1* VGA + 1* DVI dual display		
LCD display			
Size & Type	19.0″ TFT LCD	21.5" TFT LCD	24.0" TFT LCD
Resolution	1280 * 1024	1920 * 1080	1920 * 1080
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours
Brightness	250 nits	250 nits	250 nits
Display area	376.32 * 310.06	476.64 * 268.11	531.36 * 298.89
View angle	178 (H) * 178 (V)	178 (H) * 178 (V)	170 (H) * 160 (V)
Touch			
Type	Precision 5-wires high-temp. resistive touchscreen		
Touch interface	USB		
Touch points	< 5ms		
Durability	250g/ 35 million times		
Surface hardness	250g/ 5 million times		
Special treatment	PET film laminated, true flat design		
Structure			
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting		
Cooling System	Fanless design		
IP rating	IP65 front surface		
Mounting	Panel mount, support VESA		
Cut-out dimension	411 * 342 (mm)	516 * 308 (mm)	573 * 340 (mm)
Overall dimension	422.3 * 353 * 55 (mm)	527 * 318.7 * 55 (mm)	582 * 349.2 * 55 (mm)
Net weight	5.0 KG	6 KG	6.5 KG
Power & Environmental			
Voltage Input	DC 12V, optional with DC 9 ~ 36v		
Power Consumption	20W	25W	30W
EMC	CE/FCC Class A		
Working temperature	0 ℃ ~ +50 ℃	0 ℃ ~ +60 ℃	0 ℃ ~ +60 ℃
Storage temperature	-20 ℃ ~ +60 ℃	-20 ℃ ~ +60 ℃	-20 ℃ ~ +60 ℃
Relative humidity	10~95%@10 ℃ (No condensation)		
Vibration	50~500Hz,1.5G,0.15mm peak to peak		
Shock	10G/peak(11ms sec)		

TM-OC Series open-frame Pcap. touch monitor

Overview:

TAICENN TM-OC series is a open-frame mount multi 10-points projective capacitive touch (Pcap. Or PCT) industrial monitor that supports open-frame mount and VESA 75/100 mount. TM-OC series capacitive touch monitor can be connected to 1* VGA and 1* DVI display port, equipped with excellent algorithm EETI controller; support multi-points (max. up to 10 points) touch; By default, the touch interface is USB interface, also optional with RS232 serial touch interface. In general, TM-PC series industrial monitor support DC 12V voltage input and optional wide voltage DC 9~36v power input. TM-OC series has a wide range of dimension from 10.4" to 21.5", includes 10.4", 12.1", 15.0", 15.6″ 17.0", 18.5″, 19.0" and 21.5". It also offers optional features, such as high resolution, high brightness solution, light sensor, full IP65 protection.

Main features



TM-OC Series

Dimension	10.4 inch	12.1 inch	15.0 inch	15.6 inch
Model no.	TM-OC104	TM-OC121	TM-OC150	TM-OC156
Display output	1* VGA + 1* DVI dual display			
LCD display				
Size & Type	10.4″ TFT LCD	12.1" TFT LCD	15.0" TFT LCD	15.6″ TFT LCD
Resolution	1024 * 768	1024 * 768	1024 * 768	1366 * 768 (Optional Full HD)
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 50 000 hours	LED, 50 000 hours
Brightness	350 nits	350 nits	400 nits	400 nits
Display area	211.2 * 158.4	245.76 * 184.32	304.128 * 228.096	344.23 * 193.54
View angle	150 (H) * 150 (V)	160 (H) * 160 (V)	160 (H) * 160 (V)	170 (H) * 160 (V)
Touch				
Type	Projective capacitive (Pcap. Or PCT) touchscreen			
Touch interface	USB			
Touch points	Multi-points, Max. up to 10 points			
Durability	>100 000 000 times			
Surface hardness	Mohs 6H			
Special treatment	Anti-finger (AF)			
Structure				
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting			
Cooling System	Fanless design			
IP rating	IP65 front surface			
Mounting	Open-frame mount, support VESA			
Cut-out dimension	265 * 206.6 (mm)	295.4 * 225.9 (mm)	351.5 * 275.4 (mm)	392.4 * 236.4 (mm)
Overall dimension	269 * 210.6 * 51 (mm)	299.4 * 229.9 * 55 (mm)	355.5 * 279.4 * 55 (mm)	396.4 * 240.4 * 59 (mm)
Net weight	2.5 KG	2.7 KG	3.0 KG	3.5 KG
Power & Environmental				
Voltage Input	DC 12V, optional with DC 9 ~ 36v			
Power Consumption	10W	15W	20W	20W
EMC	CE/FCC Class A			
Working temperature	-20 ℃ ~+70℃	-20 ℃ ~+70 ℃	-20 ℃ ~+70 ℃	0 ℃ ~+60 ℃
Storage temperature	-30 ℃ ~+80℃	-30 ℃ ~+80 ℃	-30 ℃ ~+80 ℃	-20 ℃ ~+70 ℃
Relative humidity	10~95%@10℃(No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak(11ms sec)			

TM-OC Series

Dimension	17.0 inch	18.5 inch	19.0 inch	21.5 inch
Model no.	TM-OC170	TM-OC185	TM-OC190	TM-OC215
Display output	1* VGA + 1* DVI dual display			
LCD display				
Size & Type	17.0" TFT LCD	18.5" TFT LCD	19.0" TFT LCD	21.5" TFT LCD
Resolution	1280 * 1024	1366 * 768	1280 * 1024	Full HD 1920 * 1080
Backlit & MTBF	LED, 30 000 hours	LED, 30 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	250 nits	250 nits	250 nits	250 nits
Display area	337.92 * 270.336	409.8 * 230.4	376.32 * 301.056	476.64 * 268.11
View angle	170 (H) * 160 (V)	170 (H) * 160 (V)	178 (H) * 178 (V)	178 (H) * 178 (V)
Touch				
Type	Projective capacitive (Pcap. Or PCT) touchscreen			
Touch interface	USB			
Touch points	Multi-points, Max. up to 10 points			
Durability	>100 000 000 times			
Surface hardness	Mohs 6H			
Special treatment	Anti-finger (AF)			
Structure				
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SGCC plate-sheet, sand-blasting			
Cooling System	Fanless design			
IP rating	IP65 front surface			
Mounting	Open-frame mount, support VESA			
Cut-out dimension	382.4 * 314.4 (mm)	446.2 * 276.8 (mm)	426.4 * 351.4 (mm)	529.4 * 327.2 (mm)
Overall dimension	386.5 * 318.4 * 55 (mm)	450.2 * 280.8 * 55 (mm)	430.4 * 355.4 * 55 (mm)	533.4 * 331.2 * 55 (mm)
Net weight	4.0 KG	4.5 KG	5.0 KG	6.0 KG
Power & Environmental				
Voltage Input	DC 12V, optional with DC 9 ~ 36v			
Power Consumption	20W	20W	20W	25W
EMC	CE/FCC Class A			
Working temperature	0 ℃ ~+50℃	0 ℃ ~+50 ℃	0 ℃ ~+50 ℃	0 ℃ ~+60 ℃
Storage temperature	-20 ℃ ~+60℃	-20 ℃ ~+60 ℃	-20 ℃ ~+60 ℃	-20 ℃ ~+70 ℃
Relative humidity	10~95%@10℃(No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak(11ms sec)			

4

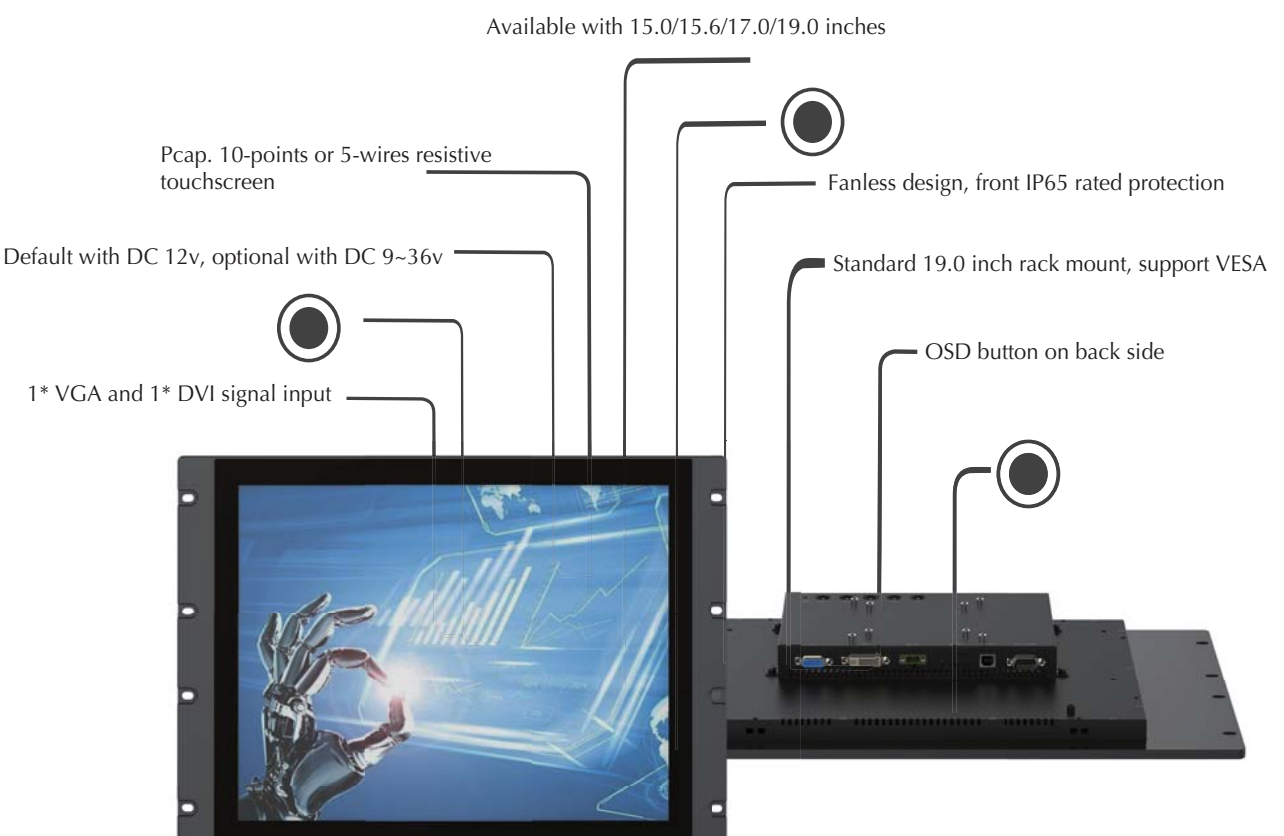
● TM-RC/RR Rack mount industrial monitor

Overview:

TAICENN TM-RC/RR series is a rack mount touch (Pcap. & Resistive) industrial monitor that also supports VESA 75/100 mount. It can support capacitive touchscreen and resistive touchscreen, equipped with excellent algorithm EETI controller. The rack mount industrial touch monitor comes with TAICENN modular design, with 1*VGA and 1*DVI dual display unit. It supports with DC 12v by default, and optional with wide voltage DC 9~36v range.

TM-RC/RR uses rugged and high strength construction with a metal housing to fit into the standard 19.0 -inch rack mount industrial cabinet. It is available with 4 size options: 15.0", 15.6", 17.0" and 19.0".

● Main features



TM-RC Series

Dimension	15.0 inch	15.6 inch	17.0 inch	19.0 inch
Model no.	TM-RC150	TM-RC156	TM-RC170	TM-RC190
Display output	1* VGA + 1* DVI dual display			
LCD display				
Size & Type	15.0″ TFT LCD	15.6" TFT LCD	17.0" TFT LCD	19.0″ TFT LCD
Resolution	1024 * 768	1366 * 768	1280 * 1024	1280 * 1024
Backlit & MTBF	LED, 50 000 hours	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	400 nits	250 nits	250 nits
Display area	304.128 * 228.096	344.23 * 193.54	337.92 * 270.34	344.23 * 193.54
View angle	160 (H) * 160 (V)	170 (H) * 160 (V)	170 (H) * 160 (V)	178 (H) * 178 (V)
Touch				
Type	Projective capacitive (Pcap. Or PCT) touchscreen			
Touch interface	USB			
Touch points	Multi-points, Max. up to 10 points			
Durability	>100 000 000 times			
Surface hardness	Mohs 6H			
Special treatment	Anti-finger (AF)			
Structure				
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SECC plate-sheet, sand-blasting			
Cooling System	Fanless design			
IP rating	IP65 front surface			
Mounting	Rack mount, support VESA 75/100			
Rack mount height	7U	6U	8U	8U
Overall dimension	482.0 * 310.0 * 51 (mm)	482.0 * 266.0 * 51 (mm)	482.0 * 354.0 * 51 (mm)	482.0 * 354.0 * 51 (mm)
Net weight	3.5 KG	4.0 KG	4.5 KG	5.5 KG
Power & Environmental				
Voltage Input	DC 12V, optional with DC 9 ~ 36v			
Power Consumption	10W	15W	20W	20W
EMC	CE/FCC Class A			
Working temperature	-20 ℃ ~+70℃	0 ℃ ~+60 ℃	0 ℃ ~+50 ℃	0 ℃ ~+50 ℃
Storage temperature	-30 ℃ ~+80℃	-20 ℃ ~+70 ℃	-20 ℃ ~+60 ℃	-20 ℃ ~+60 ℃
Relative humidity	10~95%@10℃(No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak(11ms sec)			

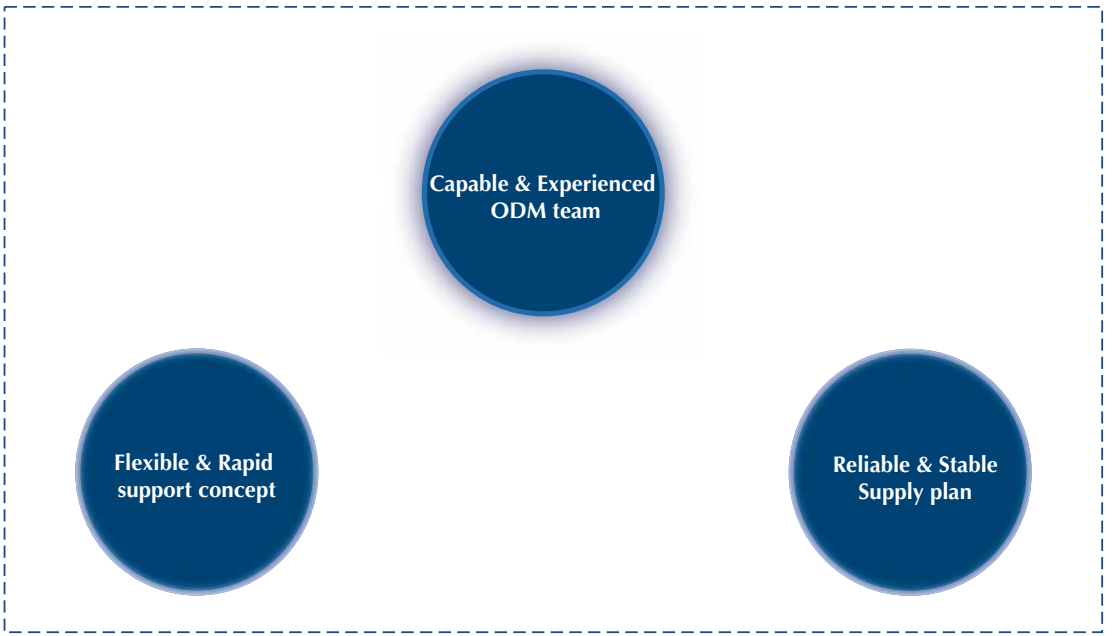
TM-RR Series

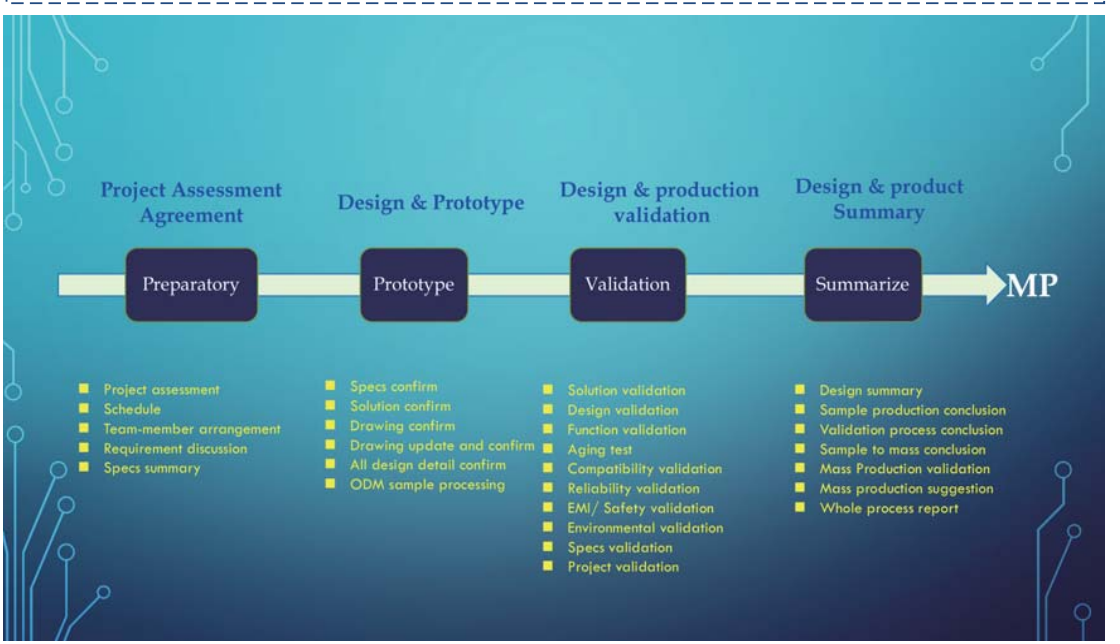
Dimension	15.0 inch	15.6 inch	17.0 inch	19.0 inch
Model no.	TM-RC150	TM-RC156	TM-RC170	TM-RC190
Display output	1* VGA + 1* DVI dual display			
LCD display				
Size & Type	15.0“ TFT LCD	15.6" TFT LCD	17.0" TFT LCD	19.0“ TFT LCD
Resolution	1024 * 768	1366 * 768	1280 * 1024	1280 * 1024
Backlit & MTBF	LED, 50 000 hours	LED, 50 000 hours	LED, 30 000 hours	LED, 30 000 hours
Brightness	400 nits	400 nits	250 nits	250 nits
Display area	304.128 * 228.096	344.23 * 193.54	337.92 * 270.34	344.23 * 193.54
View angle	160 (H) * 160 (V)	170 (H) * 160 (V)	170 (H) * 160 (V)	178 (H) * 178 (V)
Touch				
Type	Precision 5-wires high-temp. resistive touchscreen			
Touch interface	USB			
Touch points	< 5ms			
Durability	250g/ 35 million times			
Surface hardness	250g/ 5 million times			
Special treatment	PET film laminated, true flat design			
Structure				
Box structure and surface	Magnesium-aluminum alloy, anodized treatment; SECC plate-sheet, sand-blasting			
Cooling System	Fanless design			
IP rating	IP65 front surface			
Mounting	Rack mount, support VESA 75/100			
Rack mount height	7U	6U	8U	8U
Overall dimension	482.0 * 310.0 * 51 (mm)	482.0 * 266.0 * 51 (mm)	482.0 * 354.0 * 51 (mm)	482.0 * 354.0 * 51 (mm)
Net weight	3.5 KG	4.0 KG	4.5 KG	5.5 KG
Power & Environmental				
Voltage Input	DC 12V, optional with DC 9 ~ 36v			
Power Consumption	10W	15W	20W	20W
EMC	CE/FCC Class A			
Working temperature	-20 ℃ ~+70℃	0 ℃ ~+60 ℃	0 ℃ ~+50 ℃	0 ℃ ~+50 ℃
Storage temperature	-30 ℃ ~+80℃	-20 ℃ ~+70 ℃	-20 ℃ ~+60 ℃	-20 ℃ ~+60 ℃
Relative humidity	10~95%@10℃(No condensation)			
Vibration	50~500Hz,1.5G,0.15mm peak to peak			
Shock	10G/peak(11ms sec)			

TAICENN

your last stop for customized solution

ODM & Customize Service





Custom Stainless Steel solution & product

Customized Features:

- LCD display Dimension customization, ranges from 10.4 to 24.0 inch;
- Touchscreen customization, includes Pcap., Resistive, No touch options;
- Intel CPU platform customization, includes Baytrail, Apollo lake, Core i3/i5/i7;
- Stainless steel material customization, ranges from 304, 316 and 201 options;
- IO customization, includes quantity, type and position;
- Connector & cable customization, includes male/female and length;
- Full IP protection standard customization, IP65, IP66, IP69K options;
- Both industrial monitor and Panel PC are available.

● Custom Arm Mount solution & product

Customized Features:

- LCD display dimension customization, ranges from 10.4 to 24.0 inches;
- Both Pcap. and Resistive touchscreen are available;
- CPU platform customization, includes Intel Baytrail, Apollo lake, Core i3/i5/i5 options;
- Metal material customization, available sheet metal, CNC metal...;
- IO interface customization, includes quantity, type and cable length;
- Function key button customization, develop function board;
- IP protection level customization, includes front IP65, full IP65 options;
- Both industrial monitor and panel PC can be customized.

● Railway & High-speed Rail ultrasonic inspection

Outdoor | Sun-readable | Complete IP65 rating protection | 4U grip

Application Requirements:

Since it is outdoor application, the whole panel PC has to operate across wide temp. range. Also the show computer system needs to be fully sealed and integrated with waterproof aviation connectors, to prevent water and dust. Besides, the system works under sunlight in the daytime, thus the screen brightness has to be as high as 1000 nits. And auto light sensor is required.

Basic specification:

1- 19" TFT WXGA LCD, resolution 1440 * 900;
2- High brightness, up to 1000 nits, automatically adjust light sensor;
3- High temperature 5-wires resistive touch screen, longer durability and good stability;
4- High performance 6th Skylake-U or 7th Kaby Lake-U Core i5 processor, 8GB RAM + 256GB MLC SSD;
5- Full CNC metal parts, rugged water proof aviation connectors, unique spring lock design;
6- Fanless and full sealed designed, complete IP65 rating protection;
7- Special 4U grip in the front panel design.

● Vehicle mount computer system

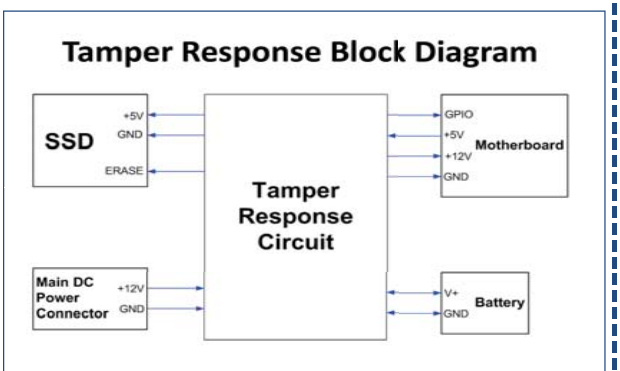
TPC-DC080C1-E319

Basic specification:

1- 8" or 10.4" TFT LCD display, resolution 800* 600 or 1024 * 768;
2- High brightness 350 nits, support light sensor automatically adjust function;
3- Multi-points (10 points) projective capacitive touch screen;
4- Intel Baytrail Quad-core J1900 processor, 4GB RAM and 128GB MLC SSD;
5- Optional wireless 3G/4G and G-mouse VK-162 expansion;
6- Rich I/O ports: 3* USB2.0, 1* USB3.0, 2* GLAN, 4* RS232, 1* RS422 ports;
7- Fanless designed with large fin heat sink, front surface IP65 rating protection;
8- Wide voltage DC 9~36v power input, 3 meters long cable.

● Specially developed function computer system

High security tamper-proof industrial fanless computer



Application Introduction:

Tamper-proof means the system is protected from tampering (intentional malfunction or sabotage). It is usually a must for high security segments.
With tamper-proof design, our system can only be opened under reasonable operation. This will prevent the data stored in the SSD (storage device) from access by unauthorized party. The internal battery can assure the user data 100% overwriten and erased.Such embedded computer system is specially designed for high-level security.

Basic specification:

1- High performance Intel 6th Skylake or 7th Kaby Lake Core i7 CPU processsors;
2- DDR4L 16GB RAM + Secure erase 64GB SSD;
3- 2* GLAN, 1* DC power connectors, rugged waterproof aviation connector;
4- Fanless design and CNC metal parts, complete IP65 rating protection;
5- Full sealed design, with light sensor inside for trigger.

● Specially developed function computer system

Industrial Panel PC with NFC/RFID module

Application Introduction:

This hardware system requires a 15.6-inch widescreen full HD 1920*1080 LCD screen; the system is recommended to use the 7th-gen. Core i5-7200U processor platform. Considering the application environment of direct sunlight, this industrial panel computer recommends to use high brightness 1000nits and automatic light-sensor integration. The adaptive LCD brightness is convenient for passengers to recognize and read; The integrated RFID (NFC) modules are convenient for realizing human-bus interaction and realizing functions such as card payment. Of course, the 4G/WIFI/GPS equipped with the machine can identify the positioning and network interconnection of the vehicle, which is convenient for fleet management and passengers's using.

Basic specification:

1- 15.6-inch widescreen, vertical display, Full HD 1920*1080;
2- Multi-point capacitive touchscreen, EETI precision algorithm touch control;
3- Intel low-power & high computing, 7th-gen. Core i5-7200U CPU, dual-cores 2.5Ghz, burst to 3.1Ghz;
4- LED backlight, high brightness 1000 nits, and automatic light-sensor;
5- Integrated NFC module function, supporting ISO 14443 protocol standard;
6- Integrate 4G, Wi-Fi, GPS functions and use a 3-in-1 combo antenna design;
7- Industrial grade LCD, whole system -20~+70C industrial wide-temperature range;
8- Various IO: 2*GLAN (Intel), 4* USB3.0, 2* COM ports, 1*HDMI, Mic-in/Line out.

● Make a note

IDEA
SCIENCE
THOUGHT
INTENSITY
SHARE
LUX
KNOWLEDGE
BRAIN
INNOVATION
POWER
CREATIVITY
TEAM
ENGINEERING
TAICENN®

Teléfonos / Phone number

Mex: +52 (33)-3854-5975
+52 (33)-3823-4349
USA: +1 (619) 619-7350

Página Web / Website

tienda.logicbus.com.mx
logicbus.com

Correo electrónico / E-mail

ventas@logicbus.com
sales@logicbus.com

Logicbus

Dirección / Address

Av. Fray Antonio Alcalde 1822
Miraflores, 44270
Guadalajara, Jal

8280 Clairemont Mesa Blvd
Suite 122
San Diego, CA 92111