

## Rugged Mobile Computing



Price Checkers



Rugged Tablet PCs



Rugged IoT Handheld Devices

# Empowering Your Retail EcoSystem

To help digitalize and streamline processes within retail industries, ARBOR offers a portfolio of Internet of Retail (IoR) front-end data retrieval and computing to back-end unified management, our solution can efficiently help connect retail ecosystem.

solutions including both hardware computing systems as well as a cloud-based central management platform. From customers, products and places within a customer's IoR ecosystem and create a more intelligent and connected retail ecosystem.

## Intelligent Retail



Asset Predictive Maintenance



Efficient Management of All Endpoints



Demand-aware Merchandise Planning



Big Data-driven Decision Making

## IoT Management Platform



Real-Time Monitoring



Data Visualization



Microsoft Azure Private Cloud



Application Management



Content Distribution



Remote Access

- Promotion TV Wall
- Recognition / Analysis System
- Dynamic eMenu Board
- Stock Management
- Smart Vending Machine
- Consumer Self-service
- Field Customer Service
- Customer Counter
- Supply Chain Optimization
- Logistics Integration
- Fleet Management

## Applications



## Computing Terminals



## IoT Devices



# Intelligent Retail

## Efficient Customer Service

The Internet of Things is revolutionizing how retailers engage with their customers and run their operations. Retailers that take the lead in IoT gain an important advantage in an already competitive environment. The IoT movement offers retailers new opportunities for growth in critical areas by improving customer experience, optimizing supply chain management and identifying new channels and revenue streams.



# Intelligent Logistics

## Boosts Distribution Efficiency

Logistics management plays an essential role in an enterprise's productivity. To accelerate the find-and-move operations in today's warehousing and logistics applications, ARBOR offers a comprehensive range of mobile rugged devices featuring versatile data collection methods, real-time communication and vehicle-related features to support the entire logistics management process from the warehouse or while in transportation.



### Better Mobility

- Compact, lightweight & easily portable
- Unique ambidextrous design for operation comfort



### Expansion Flexibility

- Rich I/O expansion support
- Full accessories to expand the functionality as needed
- Vehicle docking and desktop cradle for power charging



### IoT-ready Application

- Various vehicle identification devices (barcode scanners, RFID readers, NFC solutions)
- Microsoft Azure, IoT Cloud Solutions



### Rugged Design

- IP67/65-certified design
- MIL-STD-810G/F durability
- Reinforced chassis
- Sealed ports and doors



### Realtime Communication

- Integrated Wi-Fi and Bluetooth
- 3G and 4G LTE bands
- Worldwide modem capability



### Vehicle Ready

- GNSS/GPS for vehicle tracking
- On-the-move charging
- Time-saving dismountability



### Retail Pharmacy Chain Stores

- Location: Korea & Taiwan
- Product & Service: G0830



### Supermarket Price Checker

- Location: Poland
- Product & Service: PC1017



### Store Inventory Management

- Location: Europe
- Product & Service: G0975M / GT-500



### Improved Brewer's Logistics & Distribution

- Location: UK
- Product & Service: GT-500



### Empower Forklift Operation Efficiency

- Location: Italy
- Product & Service: G1052R



### Optimize Fleet Management

- Location: Belgium
- Product & Service: GT-78V

## Internet of Retail Solutions



Point-of Sale Terminal w/ Card Reader & Scanner



Mobile Rugged Tablet



Price Checker



Handheld Device

With a built-in barcode scanner, touchscreen and Android OS, the GT-500 has all the features the brewer needs to improve the distribution process. The GT-500 enables the brewery staff to accomplish their cask scanning and data collection with the maximum efficiency.

With the G1052R onboard, forklift operators can get picking and shipping instructions in real time. The G1052R ensures timely delivery between workstations as well as instant inventory updates.

ARBOR provides speedy customized design to address customer's in-vehicle charging needs. With our MDM, the solution ensures tracking of all trucks in the fleet at all times.

# Ramp Up Your Mobile Workforce

Gladius G0975/G0975M/  
G1017M/HT10  
Rugged Tablet PC



## G1017M

G1017M is a 10.1-inch Rugged Tablet powered by Intel's latest Elkhart Lake processor with Wi-Fi 6 capability, physical keypads, and fingerprint reader, perfect for retail inventory, point-of-sale, warehousing, and logistics applications.



### Features

- 10.1" Intel® Elkhart Lake N6415 Rugged Tablet PC
- Fully rugged for mobile POS or warehousing application
- 23-key keypad with numeric keys and function Keys
- Support Wi-Fi 6 wireless networking
- 1 x RJ-45 LAN port

## HT10

The HT10 delivers lightweight mobility with a weight of less than 1kg. In addition, it features a 10.1-inch high resolution HD screen and a Hot-swappable battery to enhance the user experience in warehouse management.



### Features

- 10.1" IPS TFT LCD 1200 x 1920 (FHD)
- Embedded 1D/2D barcode scanner and 8M front camera and 13M rear camera
- Removable 10000mAh battery
- Hot-swappable battery system provides 24/7 mobile computing
- Support multi-function extension
- 1m (3.3ft.) drop resistance and IP65 to protect from dust and water
- Applied with Google Mobile Service in Android 13 base



## A Taiwanese Retailer Selects G0975 to Improve Its Warehouse Management

A Taiwanese retailer was seeking a solution to improve their warehouse operations with a forklift-mounted rugged tablet. Reliability and wireless connectivity throughout their large warehouse were the main criteria. ARBOR's G0975 was selected due to its ruggedness, reliability, and rich I/O ports for external equipment integration.

After implementing the G0975 on their forklifts, the forklift operators' productivity was greatly improved. Thanks to the uninterrupted wireless connectivity and the large 9.7" touch display, the operators can get immediate access to stock information and item location. Timely movement of inventory is now possible. The operators can quickly receive a notification, search and move the goods, and then report the finished task to the warehousing system. The result is faster processing speed, less data loss and overall greater efficiency.

## G0975M Optimizes Inventory Management for a Multinational Retailer

A multinational food and shopping company in Asia outfitted its chain stores in Korea with ARBOR's G0975M to manage their merchandise inventory. Packed with features like a barcode scanner, wireless connectivity and a 9.7" multi-touch screen as the communication interface, the G0975M is a powerful GOT (graphic operation terminal) that enables the store associates to have the entire inventory at their fingertips. With inventory taking, ordering and forecasting efficiency greatly increased, the G0975M has been proven to deliver a quick return on investment.



### Features

- XGA IPS LED display with projected capacitive touch screen
- High computing performance from Intel® Quad Core Celeron®
- Fully rugged for mobile POS or warehousing application
- Meeting MIL-STD-810G, IP65, 4 ft. drop resistance
- High mobility, multiple connectivity (Bluetooth/WLAN)
- Adopting multi-touch screen with Corning® Gorilla® Glass
- Supporting external battery with battery cover and internal battery



- ① **G0975M**  
9.7" Intel® Celeron®, w/ Programmable Keypad
- ② **G0975**  
9.7" Intel® Celeron®, w/ Function Keys

# Streamline Your Mobile Operations

Gladius G1052C/R  
10.4" Rugged Tablet PC



# Enhancing Customer Experience

PC1017  
Price Checker



## Grocery Store and Inventory Management Application

A retailer in Japan selects G1052C to manage their inventory and orders. Gladius G1052C can help people to purchase fresh food at home now, online grocery shopping can be your best alternative. It is used as an order management tablet. The tablet enables supermarket staff to collect fresh food for users' order, package them ready-to-go, and then have it either delivered or picked up from the store.



### Features

- 10.4" AFFS+ TFT Active Matrix with capacitive touch panel
- Ultra low power consumption
- Fully rugged for mobile POS or warehousing application
- Meeting MIL-STD-810G, IP54, 4 ft. drop resistance
- High mobility, multiple connectivity (Bluetooth/WLAN/WWAN)
- Identification devices (barcode scanner, RFID & NFC reader and MSR)
- Hot-swappable external battery w/ redundant internal battery
- 23-key keypad with numeric keys and function Keys
- I.P.A. (Isopropyl) alcohol clearing allowed

### Accessories



#### Desktop Cradle

- 3 x USB 2.0, 1 x LAN and DC-IN
- Vibration and shock resistance
- Charge and use your device simultaneously



#### Battery Charger

- Charge two batteries simultaneously
- Vibration and shock resistance
- 19V/3.4A charger power input



#### Capacitive Touch Pen



#### Neck Strap



#### Hand Strap



#### Mount Bracket



### Features

- Quad-Core ARM Cortex-A35 CPU 1.5G Hz, Android-based
- 10.1" LCD display
- 10-point projected capacitive multi-touch screen
- H.265/HEVC video decode
- PoE connectivity (PD)



## Better Engage Customers with the Multi-Functional PC1017

ARBOR's PC1017 was implemented in the stores of a Poland supermarket chain as the product & price information checking terminal. The compact PC1017 combines price checking and signage functions in one unit. It conveniently offers customers not only the price but also the full product information. By displaying promotion videos in regular intervals, retailers can also better engage their customers in the retail environment.

## Implement PC1017 as an Informative Tool for Promoting Sales

A worldwide sports gear & equipment chain store selected to install ARBOR's PC1017 in their stores in Poland as their price checker. Utilizing the barcode scanner and miniature screen, customers can receive price and product information. They can also input their member ID to get coupons and other product discount information.



## Build Your Own System

Customize your PC1017 via ARBOR's CTOS to meet your special needs:

- RFID & NFC module
- 1D barcode scanner
- 2D barcode scanner
- WLAN 802.11 a/b/g/n & Bluetooth 4.0 + BLE
- 2MP front-facing camera

# Engage Business Anytime, Anywhere

Gladius GT78-VN  
7.85" Vehicle Mount Tablet



## Durability

- MIL-STD-810G & IP-65 certified
- Raised bezel for LCD impact protection
- I/O ports with hinged rubber covers
- Corning® Gorilla® Glass 3 compliant touch screen which is resistant to scratches, drops and pressure

## Reliable Connectivity

- 2G GSM/GPRS/EDGE, 3G WCDMA and LTE
- Dual SIM cards for dual network access providing optimal coverage
- Integrated Wi-Fi 802.11 a/b/g/n/ac & Bluetooth 5.0

## User-Friendly Design

- Multi-touch projected capacitive touch screen
- Custom replaceable battery with optimized battery life
- Suite of sensors, including gyroscope, light sensor, M-Sensor/ E-Compass and G-sensor

## Versatile Data Collection

- 2D barcode scanner with physical trigger button
- Rear 13MP AF camera and front 8MP camera
- NFC/RFID reader

## Vehicle Application Ready

- Vehicle mount dock supporting cigarette power plug
- Active GPS module for route navigation



## Fire Department in China Implements ARBOR GT-78V

Staff at the Beijing Fire Department needed to improve their inspection workflow by going paperless. ARBOR partnered with a system integrator to deliver a complete solution using GT78-VN as the “paper and pen” replacement. The GT78-VN’s generous screen size made the transition from a clipboard to a tablet painless. The integrated camera allowed for

instant, detailed documentations of violations. With industry-leading IP65 certification and MIL-STD-810G compliance, the GT78-VN’s rugged features allowed firefighters to operate without fear of interruptions caused by hardware failures.

As records could be better managed electronically and the quality of records is improved as a direct result, the GT78-VN solution dramatically increased productivity of the fire department.

## Enhances Logistics Efficiency for a LTL Freight Expert in the US

To work without paperwork and streamline work process, a LTL freight company in the US was seeking a solution to enhance their Proof of Delivery efficiency. Upon their request, ARBOR provides the GT78-VN, the IoT tablet utilized for both as an in-vehicle HMI and as a portable rugged tablet to fit in one hand to meet drivers’ needs on the go.



The GT78-VN Proof of Delivery solution eliminates paper-based processes and human errors so that consignment can be accurate and guaranteed. Each party, including customers, drivers, and administrators, can get accurate data and synchronized information along with improved efficiency.

## Accessories



### Desktop Cradle

- Allows to use and charge the GT78-VN at the same time
- LEDs indicating charging status



### Vehicle Docking

- 12-24V DC input
- Cigarette lighter power adapter
- Optional battery adapter provided



### Battery Charger

- 4-in-1 battery charger
- LEDs to display the status
- LEDs indicating charging status
- Overheat detection



### 3-in-1 Holster

# The Most Robust NFC Android Terminal

**PD602**  
Slim Design, Large Capacity



# Extreme Field Performance

**G47**  
Slim, Light & Durability Combined



## Suitable for Warehouses and Retail Stores

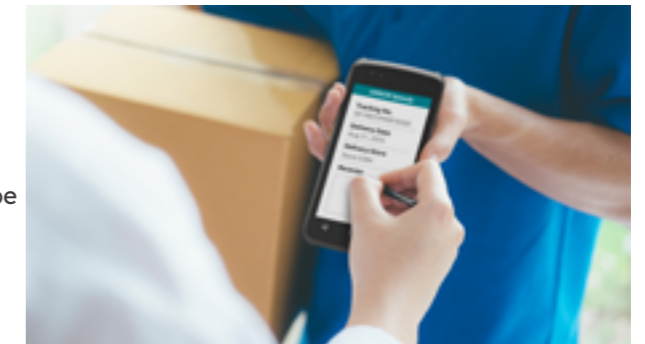
PD602 is a powerful and rugged Android mobile terminal. It has a 6-inch screen, an 8-megapixel Sony front camera, a 21-megapixel rear camera (optional), and a 5000mAh long-lasting battery that supports a hot-swapping design.



PD602 integrates NFC, 4G, and GPS and supports Wi-Fi 5 and Bluetooth 5.2, providing various wireless connection functions required in logistics, warehousing, retail, and other application fields and allowing you to complete tasks stably and quickly in facilities management, daily maintenance, logistics control, asset tracking, customer registration, and cashless transactions.

## Most Suitable Solution for Logistics and Warehouse Applications

The G47 is an industrial-grade Android device that can be of great help for logistics and warehouse purposes. This rugged handheld device has a 1.5m drop resistance and an IP67 sealing level rate, which makes it highly durable and suitable for harsh environments. It comes with a built-in barcode scanner and a physical trigger button, which enables logistics and warehouse employees to streamline field applications faster and more efficiently. The G47 features multiple communication modules that work worldwide and has a 4000mAh high-capacity battery. It is quite lightweight, weighing only 243g, which makes it significantly lighter than other regular industrial mobile devices.



### PD602 Robust Android Terminal

- Stable and robust handheld device with fast wireless communications
- Enhances Wi-Fi roaming connectivity in warehouse environments
- Superior barcode engine to support a wide range of applications
- Hot swapping design makes the battery easy to change
- IP67 and Drop 1.5M and 1.8M with bumps
- The longevity platform is capable of receiving long-term security patches from Google
- Dedicated NFC design for payment applications
- GMS certified



### G47 Mobile Computing Device

- Adopting octa-core processor MTK8768 & Android v13 OS
- Embedded 1D/2D barcode reader and physical trigger button
- Ruggedized design with IP67 rating
- World mode communications with 2G/3G/4G
- Implementing fingerprint authentication for security protection
- Precise GPS navigation with barometer integrated
- Lightweight design for everyday use, 243g
- Gloved touch support for warehousing, inventory, medical applications



# Backstage Driving Force For the Smart Warehousing

**K430**  
Rugged Mobile Computing Devices



## Suitable for Warehouses and Retail Stores

K430 is the new addition to our rugged handheld lineup, this Android based handheld device has keypad with numeric keys, built-in 1D/2D barcode scanner, and is equipped with a large 4850mAh battery, that will easily last for the entire working shift, suitable for Warehousing, inventory, delivery and more.

The K430 has a 4-inch touch screen and physical keypad, a slim design, and a high capacity battery that allows you to work for 12 hours with a fast charge. It is suitable for cold chain logistics or other industrial applications requiring gloves.



## K430 Intelligent Handheld Device

- Adopting MediaTek Octa MTK6762 processor with Android 9.0 OS
- 1D/2D barcode scanning with fast scan speed
- Easy-to-Use touch screen with keypad
- Ruggedized design with IP65 rating and 1.5m drop resistance
- World mode communications with 2G/3G/4G
- Field replaceable 4850mAh Li battery for long working hours
- Support 12-hour long working hours and 3.5-hour quick charge
- 3GB of memory and 32GB of storage capacity



# Streamlining Warehousing & Logistics Operations

**Gladius G0830**  
8" Supports Dual-System Tablet PC



## Features

- 8" TFT color LCD 1024 x 768 XGA resolution
- IPS LED display with projected capacitive multi-touch panel
- High mobility with connectivities, including WLAN and Bluetooth
- Identification devices (barcode scanner, RFID & NFC reader and MSR)
- Ideal for warehousing / retail / mPOS applications
- Ergonomic-centered mechanical design
- Compact and sleek design
- Supports Windows 10 & Android v5.x operating systems



## Accessories



### Docking Cradle

- 3 x USB 2.0 ports
- 1 x GbE LAN
- 1 x HDMI
- MSR, smart card reader & NFC reader



### Pistol Grip w/ Battery

- 8000mAh power bank
- Power status LED



### K-Lock



### Vehicle Cradle

- 2 x USB 2.0 ports
- Micro USB 5V DC In
- 12V DC Jack
- VESA 75 x 75 mm
- Shock & vibration tested



### Pistol Grip



### Rope Stylus Pen



### Hand Strap



# ARBOR's Tablet POS Selected to Improve Operations and Service for Retail Pharmacy Chain Stores

The G0830 all-in-one POS PC has been chosen by one of the largest retail pharmacy chains in Asia to implement their inventory management, interactive kiosk and intelligent POS systems. The customer selected the G0830 for its versatility, durability, cost-efficiency and overall suitability for profitable operations and utmost superior customer service in complex retail environments.

A retail pharmacy is a complex retail business that not only provides prescription drugs, but also carries thousands of other products that include over-the-counter drugs, cosmetics, magazines, toys, groceries, electronics and more. As a POS system, the ARBOR G0830 allows quick product lookups and item updates at the touch of a button, allowing efficient real-time inventory management.



During peak shopping hours, the ARBOR mobile POS tablet helps process checkout queues, thus reducing potential walkouts by impatient customers. The flexible system accepts NFC-based mobile payments, QR code coupons, and allows integration of peripherals, such as MSR, RFID and Smart Card Readers for credit, debit, and membership cards. This adds convenience, guarantees quick and secures transaction processing, and boosts customer satisfaction.

In short, the ARBOR G0830 POS system provides maximum flexibility, minimal downtime, lower installation costs, optimal inventory management, and superior customer satisfaction.



## Retail/Hospitality

- Mobile Point-of-sale (mPOS)
- Inventory tracking
- Tableside ordering
- Self-service kiosk
- Customer membership management

## Logistics

- Logistics and distribution
- Fleet management
- Fleet safety and driver monitoring

## Warehousing

- Stock management
- Inventory process management
- Assets tracking

# Selection Guide



Model	PD602	G47	G60 Pro	K430	GT78-VN
<b>Dim. (WxHxD)</b>	184 x 81 x 15.8mm	77.45 x 157.9 x 21.95 mm	87.2 x 181.7 x 30.9 mm 87.2 x 274.7 x 30.9 mm (with Antenna)	68 x 164 x 20 mm	147 x 220 x 20.9 mm
<b>CPU</b>	MediaTek MT8781 (2*A76 2.2GHz+6*A55 2.0GHz)	8*Cortex-4*A53 2.0GHz/ 4*A53 1.5GHz	MediaTek MT8768 Octa-core	MTK6762 Octa processor Cortex Quad-Core A53 2.0GHz / Quad Core xA53 1.5GHz	MTK MT8788 ARM Octa-core Quad Core Cortex A73 2.0GHz / Quad Core Cortex A53 2.0GHz
<b>Memory</b>	4GB RAM	3GB	4GB	3GB, up to 4GB	4GB
<b>Storage</b>	-	32GB*	64GB	32GB, up to 64GB	64GB
<b>Camera</b>	8Mpxl (Front) 13M AF/21M* (Rear) 1 x Flashlight	1 x 5.0 MP (Front) 1 x 13MP AF (Rear)	1 x 5M with FF(Front) 1 x 13M OIS with AF (Rear)	1 x 8 MP AF (Rear)	1 x 8.0 MP (Front) 1 x 13MP AF (Rear), 1 x Flashlight
<b>WLAN</b>	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac/r 2.4G+5G dual mode	802.11 a/b/g/n/ac	802.11 ac/a/b/g/n 2.4G & 5G dual mode	IEEE 802.11 a/b/g/n/ac
<b>Bluetooth</b>	Bluetooth 5.2	Bluetooth 5.0	Bluetooth v5.0 BLE, Class 1	Bluetooth 4.1	Bluetooth 5.0
<b>WWAN</b>	4G LTE (FDD): Bands 1, 2, 3, 4, 5, 7, 8, 12, 17, 19, 20, 28A, 28B LTE (TDD): Bands 34, 38, 39, 40, 41 3G UMTS/HSPA+-WCDMA: B1.2.5, 8 2G GSM/GPRS/EDGE (850/900/1800/1900 MHz)	BC0/GSM/GPRS/EDGE Multislot Class / W-CDMA(UMTSFDD, TRRA-FDD) / CDMA2000 1xEV-DO Release 0 (T1A/IS- 856) / E-UTRA Bands supported	UMTS/HSPA+ Primary FDD- LTE:1/2/3/4/5/7/8/12/17/19/20/28/	TDD-LTE / FDD-LTE / UMTS/ HSDPA/ HSPA/ HSPA+ (900/2100 MHz) / GSM/EDGE/GPRS (850/1800/900/1900MHz)	EDGE/GPRS/GSM: 1900/1800/900/850 MHz HSPA+/HSPA+/HSPA/ WCDMA B1/B2/B5/B8 TDD-LTE (B34/B38/ B39/B40/B41) FDD-LTE (B1/B2/B3/B4/B5/B7/ B8/B12/B17/B20/B28A/B28B)
<b>GPS</b>	YES	Yes	GPS/Beidou/GLONASS (Band 900/1800;33dBm)	Yes	Yes
<b>Audio &amp; Vibrator</b>	2 x built-in microphone 1 x built-in speaker (2W) 1 x vibrator	-	Vibrator Receiver / Speaker Mic / Headphone Jack	1 x Receiver, 1 x Speaker, 1 x Mic	1 x built-in microphone, 1 x built- in speaker (1.5W), 1 x vibrator
<b>SD card slot</b>	1 x microSD (max. 512GB)	1 x microSD	Support SDIO 3.0 Protocol (up to 128G)	1 x microSD	1 x microSD (max. 512GB)
<b>SIM / T Card Type</b>	2 x Nano	1 x Nano + T Card / 2 x Nano	2 x Micro Sim	2 x micro-SIM	2 x micro-SIM
<b>USB Port</b>	1 x USB Type C	1 x USB Type C	-	1 x Micro 5-pin USB cable	1 x micro USB 2.0
<b>Display</b>	6"	5"	5"	4"	8"
<b>Max. Resolution</b>	1440 x 720	1280 x 720	720 x 1280	800 x 480	1280 x 800
<b>Touch Screen</b>	Projected Capacitive 5-Point Multi-Touch	Projected Capacitive 5-Point Multi-Touch	Projected Capacitive 5-Point Multi-Touch	Projected Capacitive 5-Point Multi-Touch	Projected Capacitive 5-Point Multi-Touch
<b>Power Adpt. Input</b>	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
<b>Power Adpt. Output</b>	9V/2A, 5V/3A	9V, 2A	12V/2A	5V/2A	9V/2A, 5V/2A
<b>Battery</b>	Main 5000mAh (Hot Swappable) 2nd 180mAh	1 x 4000mAh	1 x 5100mAh	1 x 4850mAh	1 x 6200mAh
<b>Barcode scanner</b>	Zebra SE4710	Honeywell N6603 Zebra SE4710	-	Marson MT83 Honeywell N6603*	1D/2D barcode reader
<b>RFID &amp; NFC</b>	Yes	Yes	Yes	Yes*	Yes
<b>OS</b>	Android 13	Android 13	Android 11	Android 9	Android 11
<b>Docking</b>	Desktop Charging Docking	Desktop Charging Docking	Desktop Charging Docking	-	-
<b>Certification</b>	CE, FCC, UKCA, NCC & CCC	CE, FCC, Explosion Protection: Ex ic IIC T5 Gc X	CE; ATEX ic IIC T5 Gc	CE, FCC, NCC & CCC	CE, FCC

\*Optional

# Selection Guide



Model	G1017M	HT10	HT102	HT10W	Gladius G1052C/R
<b>Dim. (WxHxD)</b>	301 x 187 x 18 mm	246.1 x 164.2 x 14.9 mm	246.1 x 164.2 x 14.9 mm	246.1 x 164.2 x 14.9 mm	204.9 x 294.1 x 26.2 mm
<b>CPU</b>	Intel® Pentium N6415 Quad-core 1.2GHz	Octa-core Quad Core Cortex A73 2.0GHz / A53 2.0GHz	MediaTek6833 Octa-core A76 2.2 GHz / A55 2.0 GHz	Intel Alder Lake N Intel Atom x7211E	Intel® Celeron® N2930 Quad-Core 1.83 GHz
<b>Memory</b>	4G DDR4 SO-DIMM (up to 16G)	4GB (LPDDR 4X)	4GB (LPDDR 4X)	LPDDR5 4GB / 8GB(Optional)	2GB DDR3L SO-DIMM
<b>Storage</b>	64GB eMMC / M.2 SSD	64GB/128GB	64GB/128GB	Flash 64GB / 128GB(Optional)	1 x 32GB MLC mSATA SSD
<b>Camera</b>	1 x 5.0 MP (Front) 1 x 5.0 MP (Rear)	1 x 8.0 MP (Front) 1 x 13 MP (Rear) / 21M(optional)	1 x 8.0 MP (Front) 1 x 13 MP (Rear) / 21M(optional)	-	1 x 5.0 MP
<b>WLAN</b>	802.11 ax/ac/a/b/g/n	802.11 ac/a/b/g/n	802.11 ac/a/b/g/n	802.1 ax/ac/a/b/g/n	802.11 a/b/g/n
<b>Bluetooth</b>	Bluetooth 5.2 BLE, Class2	Bluetooth 4.2	Bluetooth 5.0	Bluetooth 5.3	Bluetooth 4.0 LE
<b>WWAN</b>	-	2G: GSM/GPRS: 850/900/1800/1900 3G:WCDMA: B1/B2/B5/B8 4G:LTE Bands: 1/2/3/4/5/7/8/12/17/19/20/28A/28B/34/38/39/40/41	2G: GSM/GPRS: 850/900/1800/1900 3G:WCDMA: B1/B2/B5/B8 FDD-LTE: WWAN B1/B3/B5/B7/B8/B20/B28 TDD-LTE: B34/B38/B39/B40/B41 5G: NR(N1/N3/N28/N38/N41/N77/N78/N79)	-	HSUPA/HSPA+/LTE*
<b>GPS</b>	-	AGPS/GPS/Glonass/Beidou/Galileo	AGPS/GPS/Glonass/Beidou/Galileo	-	Yes*
<b>Audio &amp; Vibrator</b>	1 x Microphone, 1 x Speaker 1 x 3.5 mm Phone/ Mic combo Jack	2 x microphone 1 x speaker (2W), 1 x vibrator	2 x built-in microphone 1 x built-in speaker(2W), 1 x vibrator	2 x built-in microphone 1 x built-in speaker(2W),	1 x Mic, 1 x Speakers, 1 x 3.5mm headphone jack
<b>SD card slot</b>	1 x micro SD/SDHC/SDXC	1 x microSD (max. 512GB)	1 x microSD (max. 512GB)	-	1 x SD/SDHC/SDXC
<b>SIM / T Card Type</b>	-	2 x Nano SIM / 1 x Nano SIM, 1 x micro SD	2 x Nano SIM / 1 x Nano SIM, 1 x micro SD	-	-
<b>USB Port</b>	1 x USB 3.0 Type-A 1 x USB Type-C	1 x USB Type-A, 1 x USB Type-C	1 x USB Type-A, 1 x USB Type-C	1 x USB Type-A, 1 x USB Type-C	1 x USB 3.0 3 x USB 2.0 (cradle)
<b>Display</b>	10.1", 1280 x 800	10.1", 1920 x 1200	10.1", 1920 x 1200	10.1", 1920 x 1200	10.4", 1024 x 768
<b>Touch Screen</b>	Projected Capacitive 10-point Multi-Touch	Projected Capacitive 5-Point Multi-Touch	Projected Capacitive 5-Point Multi-Touch	Projected Capacitive 5-Point Multi-Touch	Projected Capacitive 10-Point Multi-Touch
<b>Power Adpt. Input</b>	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
<b>Power Adpt. Output</b>	19VDC, 3.42A, 65W	5V/3A, 9V/2A	5V/3A, 9V/2A	9V/2A	DC 19V, 3.42A, 65W
<b>Battery</b>	1 x 7.6V, 4000mAh	1 x Hot swappable 3.8V 10000mAh	1 x Hot swappable 3.8V 10000mAh	1 x Hot swappable 3.8V 10000mAh	1 x 2500mAh, 1 x 1880mAh*
<b>Barcode scanner</b>	-	Zebra 4710	Zebra 4710	Zebra 4710	Yes*
<b>RFID &amp; NFC</b>	Yes	Yes	Yes	-	Yes*
<b>Docking</b>	Desktop Charging Docking	Desktop Charging Docking	Desktop Charging Docking	Desktop Charging Docking	Yes*
<b>OS</b>	Windows 10	Android 13	Android 13	Windows 11	Windows 7, 8, 10 IoT
<b>Certification</b>	CE, FCC	CE, FCC, NCC	-	-	CE, FCC

\*Optional



Model	Gladius G0975	Gladius G0975M	IOT-800N-G350	Gladius G0830	PC1017
<b>Dim. (WxHxD)</b>	260 x 200 x 30.6 mm	260 x 200 x 30.6 mm	218.16 x 162.67 x 46.5 mm	208.5 x 150.6 x 27 mm	248.3 x 194.4 x 35.2 mm
<b>CPU</b>	Intel® Celeron® N2930 Quad-Core 1.83 GHz	Intel® Celeron® N2930 Quad-Core 1.83 GHz	MediaTek Genio 350 Quad-Core SoC	Intel® Atom™ x5-Z8350 Processor	ARM Quad-Core Cortex A35 1.5Ghz
<b>Graphics</b>	Intel® HD Graphics	Intel® HD Graphics	-	Intel® HD Graphics	-
<b>Memory</b>	2GB DDR3L SO-DIMM	2GB DDR3L SO-DIMM	4GB LPDDR4X SDRAM	2GB DDR3L	2GB DDR4
<b>Storage</b>	1 x 32GB MLC mSATA SSD	1 x 32GB MLC mSATA SSD	64GB EMMC5.1	64GB eMMC	16GB eMMC
<b>Camera</b>	1 x 5.0 MP	1 x 5.0 MP*	1x 13MP MIPI-CSI camera	1 x 2.0 MP (Front) 1 x 8.0 MP, AF (Rear)	1 x 2MP (Optional)
<b>WLAN</b>	802.11 a/b/g/n	802.11 a/b/g/n	802.11 ac/a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n
<b>Bluetooth</b>	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 5.0	Bluetooth 4.1	Bluetooth 4.0 BLE
<b>WWAN</b>	-	-	LTE*	-	-
<b>GPS</b>	Yes*	Yes*	Yes*	Yes*	-
<b>LAN</b>	1 x RJ-45 (cradle)	1 x RJ-45 (cradle)	1 x 10/100Mbps	1 x RJ-45	1 x 10/100M w/ PoE
<b>Audio</b>	1 x Mic, 2 x Speakers, 1 x 3.5mm headphone jack	1 x Mic, 2 x Speakers, 1 x 3.5mm headphone jack	1 x 8Ω/1W built-in speaker	1 x Mic, 2 x Speakers, 1 x 3.5mm headphone jack	1 x Speaker
<b>SD Card Slot</b>	1 x microSD/SDHC/SDXC	1 x microSD/SDHC/SDXC	1 x micro SDHC/SDXC/ MicroSD (Max. 256GB)	1 x microSD	-
<b>Serial Port</b>	2 x RS-232 (cradle)	2 x RS-232 (cradle)	1 x RS-232/422/485 1 x RS-232	-	-
<b>Video Output</b>	1 x Mini HDMI 1.4 1 x VGA (cradle)	1 x Mini HDMI 1.4 1 x VGA (cradle)	-	1 x HDMI	-
<b>USB Port</b>	1 x USB 3.0, 1 x micro USB 2.0 4 x USB 2.0 (cradle)	1 x USB 3.0, 1 x micro USB 2.0 4 x USB 2.0 (cradle)	2 x USB 2.0 Type-A 1 x micro USB 2.0	1 x Micro USB 2.0 (OTG) 3 x USB 2.0 (on cradle)	2 x USB 2.0
<b>Display</b>	9.7", 1024 x 768	9.7", 1024 x 768	8", 1024 x 600	8", 1024 x 768	10.1", 1280 x 800
<b>Touch Screen</b>	Projected Capacitive 10-Point Multi-Touch	Projected Capacitive 10-Point Multi-Touch	Projected Capacitive Multi-touch	Projected Capacitive 10-Point Multi-Touch	Projected Capacitive 10-Point Multi-Touch
<b>Power Input</b>	100 ~ 240VAC	100 ~ 240VAC	100 ~ 240VAC	100 ~ 240VAC	100 ~ 240VAC
<b>Power Output</b>	DC 19V, 3.42A, 65W	DC 19V, 3.42A, 65W	DC 12V, 1.5A	DC 5V, 2A, 10W (tablet) DC 12V, 5A, 60W (cradle)	DC 12V, 2.5A
<b>Battery</b>	1 x 2270mAh (4-cell), 1 x 2270mAh (2-cell)*	1 x 2270mAh (3-cell)	-	1 x 4000mAh	-
<b>Smart Card Reader</b>	-	-	-	On cradle	-
<b>Barcode scanner</b>	Yes*	Yes*	-	1D/2D	1D/2D
<b>RFID &amp; NFC</b>	-	-	Yes	On table / On cradle*	Optional
<b>Docking</b>	Desktop cradle / vehicle cradle*	Desktop cradle / vehicle cradle*	-	Desktop cradle*	CE, FCC Part 15 Subpart C
<b>MSR</b>	Yes*	Yes*	-	On cradle	-
<b>OS</b>	Windows 7, 8, 10 IoT	Windows 7, 8, 10 IoT	Android 13	Android 5.X or Windows 10	Android 8.1
<b>Certification</b>	CE, FCC	CE, FCC	CE, FCC, NCC	CE, FCC	CE, FCC

\*Optional