M700DQ8, 7-inch Rugged Tablet PC

A Rugged Tablet that Can Survive Any Environment and Get Real Work Done

M700DQ8 is a compact rugged tablet PC with robust set of features designed to withstand industrial use while providing high tech solutions that increase productivity, improve safety, and reduce operational costs.

The processing power comes from Qualcomm® Snapdragon™ 660, Octa-core up to 2.2 GHz.

The tablet features a brilliant, in-plane switching with projected capacitive touch screen and offers 1280 x 720 pixel resolution. Weighing at just 1.2 pounds (approx. 550 grams) the M700DQ8 delivers lightweight mobility in a pocket-sized rugged tablet.

Highlights

- Qualcomm® Snapdragon™ 660, Octa-core up to 2.2 GHz
- 7" 1280 x 720 TFT Panel with direct optical bonding
- Supports Android 9.0 OS
- IP65 waterproof and dustproof
- Rated for extreme temperature use

Cobots   Cámaras   PLCs   HMIs   Sensores   Registradores   Software   Convertidores   Osciloscopios   Celdas de carga   Adquisición (DAQ IoT)   PCs industriales

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Display Specification

Size	7-inch
Resolution	1280 x 720
Brightness	650 nit
	With direct optical bonding for sunlight readable
Touch	Multi-touch projected capacitive
Contrast Ratio	800:1
Viewing Angle	80/80/80/80
Technology	• Ambient light sensor, g-sensor
	• Automatic screen rotation

System Specification

Processor	Qualcomm® Snapdragon™ 660, Octa-core up to 2.2 GHz
System Memory	3GB RAM [1]
Storage	32GB eMMC
Operating System	Android 9.0

Wireless Communication

WLAN	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.0
GPS	GPS / AGPS / GLONASS
WWAN	Optional

Interface

Docking Connector	1 x docking connector
USB	1 x USB Type C
Power Input	1 x Power Jack
Micro SD	1 x Micro SD Card Slot
SIM Card Slot	1 x SIM Card Slot

Keyboard and Input

Touch	10-point multi touch,
	support Hand / Gloves and Rain Mode
Button	On-screen QWERTY keyboard
	Button 1 x Volume +/- , 1 x Power Button,
	1 x Home Button, 1 x Menu Button,
	1 x Return Button, 1 x Trigger Button
LED Indicators	2 x LED indicators (Power, Battery)

Audio

Microphone	2 x Built-in Mic
Speaker	1 x 1.2 W speaker
Earphone	1 x Earphone

Cameras

Web Camera	8MP Camera
Rear Camera	13MP Camera with LED auxilliary light (auto focus)

Data Capture

NFC Reader	Default NFC Reader
Barcode Reader	1D/ 2D Barcode Reader (Optional)

Security Function

Mobile Device Management	SOTI Mobicontrol compatible [2]

Mechanical and Environment

Dimension (W x L x H)	212.4 x 132.8 x 19 mm (8.36 x 5.23 x 0.75 inches) [3]
Weight	550g
Operating Temperature	-20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
Humidity	5% to 95% RH, non-condensing
IP Proof	IP65 Certified, waterproof and dustproof
Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I
Drop	MIL-STD-810G Method 516.6, 5 ft to concrete [4]
Ball Impact	500g ball, 53" Hight, 5 times ball drop on the same point; Glass no sharsd.

Power Management

Power Input	5V DC
Battery	3.7V 5300mAh Li-Poly
Adapter	100-240V/ 5V 3A Adapter

Accessories

Standard Accessories

Universal Adapter	9226015W05V1
Battery	98K007SP002P

Optional Accessories [6]

Battery Charging Dock	98TA00Z00003
Vehicle Dock (Charging + Connectors)	98TA07Z00004
Vehicle Dock (Charging Only)	98TA07Z00003
Desk Dock	98TA07Z00005
Carry Bag	9B000000000X
Capacitive Touch Stylus	9B000000001D
Vehicle Adapter	98TZ00ZZ0006

Drawing [7]
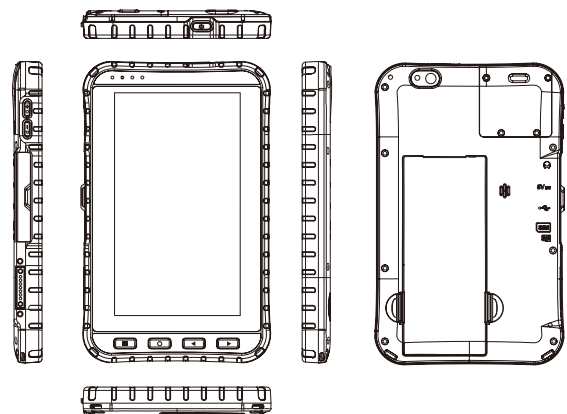
⚠ **Caution**
Do Not Expose the Battery Pack to Excessive Heat, or Extreme Heat (Near Fire, in Direct Sunlight for example)
Do not expose bare skin to this product when handling this unit in extreme hot or cold environments

1. Total usable memory will be less depending upon actual system configuration
2. SOTI are available upon request
3. Length measurements do not include protrusions.
4. The drop test with high-capacity battery must come with hand strap
5. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
6. Accessories and Integrated Options may vary depending on your configuration.
7. This is a simplified drawing and some components are not marked in detail.

Release Date: 23-Mar-2020 V1.2