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



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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
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 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

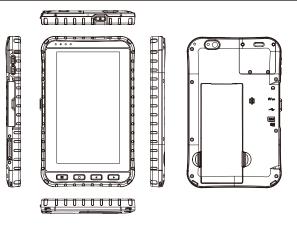
 Universal Adapter
 9226015W05V1

 Battery
 98K007SP002P

Optional Accessories 6

Battery Charging Dock98TA00Z00003Vehicle Dock (Charging + Connectors)98TA07Z00004Vehicle Dock (Charging Only)98TA07Z00003Desk Dock98TA07Z00005Carry Bag9800000000XCapacitive Touch Stylus9800000001DVehicle Adapter98TZ00ZZ0006

Drawing 7





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 extremen 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
- 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.

