M700DQ8

7 inch Qualcomm® Snapdragon™ 660, Sunlight Readable Android Tablet

KEY FEATURES

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

OVERVIEW

High-Performance Qualcomm® Snapdragon™ 660 Processor 7 inch tablet

This handheld rugged tablet is powered by a Qualcomm® Snapdragon™ 660 Processor, delivering faster response times and enhanced performance. The user-friendly Android interface further boosts productivity like never before.

Real-Time Data and Wireless Connectivity

Real-time access to accurate information is essential for mobile workers. With features such as GPS/AGPS/GLONASS, WLAN, Bluetooth, and optional 4G LTE, workers can easily share files and communicate anytime, anywhere. The built-in 13.0 MP rear camera allows for instant capture of photos, videos, and documents, while the 8.0 MP front camera is ideal for self-recording and video calls.

Brilliant 7” Sunlight Readable Display

The 7-inch Android tablet features a sunlight-readable 1280 x 720 TFT LCD screen, utilizing direct optical bonding technology for vibrant, true-to-life colors. It also supports automatic screen rotation for enhanced ease of use.

Ultimate Productivity for Field Work

Data collection has never been simpler, thanks to a variety of optional tools designed to assist mobile workers. The optional NFC reader offers default read and write functions, while an additional 1D/2D barcode scanner can be integrated for even greater data collection capabilities.

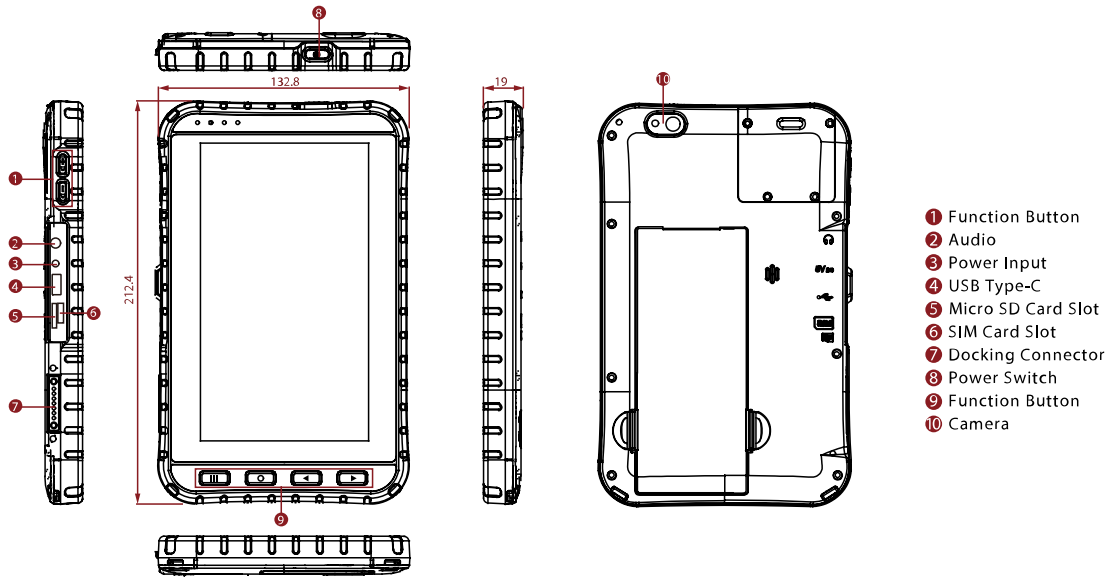### Accessories Tailored for Your Application

Utilize this tablet for in-vehicle applications with its docking station and adapter. Seamlessly transition from an in-vehicle solution to a handheld device, allowing you to store it in a carry bag for enhanced mobility.

SPECIFICATIONS

Display			
Resolution	1280x720	Size	7.0 inches
Contrast Ratio	800:1	Panel Brightness	650 nits

View Angles	80,80,80,80	**Type**	Projected Capacitive Multi Touch
Touch Mode	Support Hand / Gloves and Rain Mode	**Bonding**	Optical Bonding for Sunlight Viewability

System Specification

Processor	Qualcomm® Snapdragon™ 660 (Octa-Core 2.2 GHz)	**Memory**	3GB
Storage	32GB	**Operating System**	Android 9.0
WLAN	Support	**BT**	Support
WWAN	4G/LTE (Optional)	**GNSS**	GPS/GLONASS
RFID	NFC (Read / Write, Peer to Peer mode) (Optional)	**Sensors**	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors

Camera

Front Camera	8MP Camera	**Rear Camera**	13MP Camera with LED Auxiliary Light (Auto Focus)

Mechanical

Dimension	212.4 x 132.8 x 19 mm	**Weight**	550g

IO Ports

USB Port	1 x USB 3.0 Type C OTG	**SD Card Slot**	1 x Micro SD Card Slot
SIM Card Slot	1 x Micro SIM Card Slot	**Audio**	1 x Audio Combo connector (Mic in and Line Out) 2 x Built-in Mic 1 x Speaker 1 x Earphone
Indicator	2 x LED Indicators (Power, Battery)	**Docking Connector**	1 x Docking Connector

Environment

Operating Humidity	5% to 95% RH, Non-Condensing	**Operating Temperature**	-10°C to 50°C (Battery mode) -20°C to 60°C (Charging mode) Please avoid charging in hazardous locations.
Storage Temperature	-30°C to 70°C	**Shock**	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	**IP rating**	IP65
Drop	MIL-STD-810H Method 516.8, 5 ft		

Certification

Certification	CE, FCC, AT&T, FirstNet, RCM

Control

Button	1 x Volume + ,1 x Volume - , 1 x Power Button, 1 x Home Button, 1 x Menu Button, 1 x Return Button, 1 x Trigger Button

Power

Battery	3.7V 5300mAh	**Battery Operating Time**	20Hr
Power Rating	DC 5V	**Adapter**	Input: 100V-240V AC Output: DC 5V 3A

Security Function

SOTI MobiControl	SOTI MobiControl Compliance

Accessory

Accessory	Universal Adapter x1 Battery x1 USB Type-C Cable x1	**Optional Accessory**	Battery Charging Dock Vehicle Dock (Charging + Connectors) Vehicle Dock (Charging Only) Desk Dock Hand Strap Micro SD Card Capacitive Touch Stylus Vehicle Adapter HDMI Adapter

Barcode Scanner

Barcode Scanner	1D/2D Barcode Reader (Optional)

DIMENSIONS   UNIT:MM

1 Function Button
2 Audio
3 Power Input
4 USB Type-C
5 Micro SD Card Slot
6 SIM Card Slot
7 Docking Connector
8 Power Switch
9 Function Button
10 Camera

NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. SOTI is available upon request.
3. Length measurements do not include protrusions.
4. The drop test with a high-capacity battery must come with a 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.
8. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.