

M700DQ8-EX

7-inch Qualcomm® Snapdragon™ 660, ATEX rugged android PDA



KEY FEATURES

- Qualcomm® Snapdragon™ 660, Octa-core up to 2.2 GHz , ATEX rugged android PDA
- 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
- ATEX Zone 2 application certification



SPECIFICATIONS

Display

Resolution	1280x720	Size	7 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, Accelerometer

Camera

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

Dimension	212.4 x 132.8 x 19 mm	Weight	550g
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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

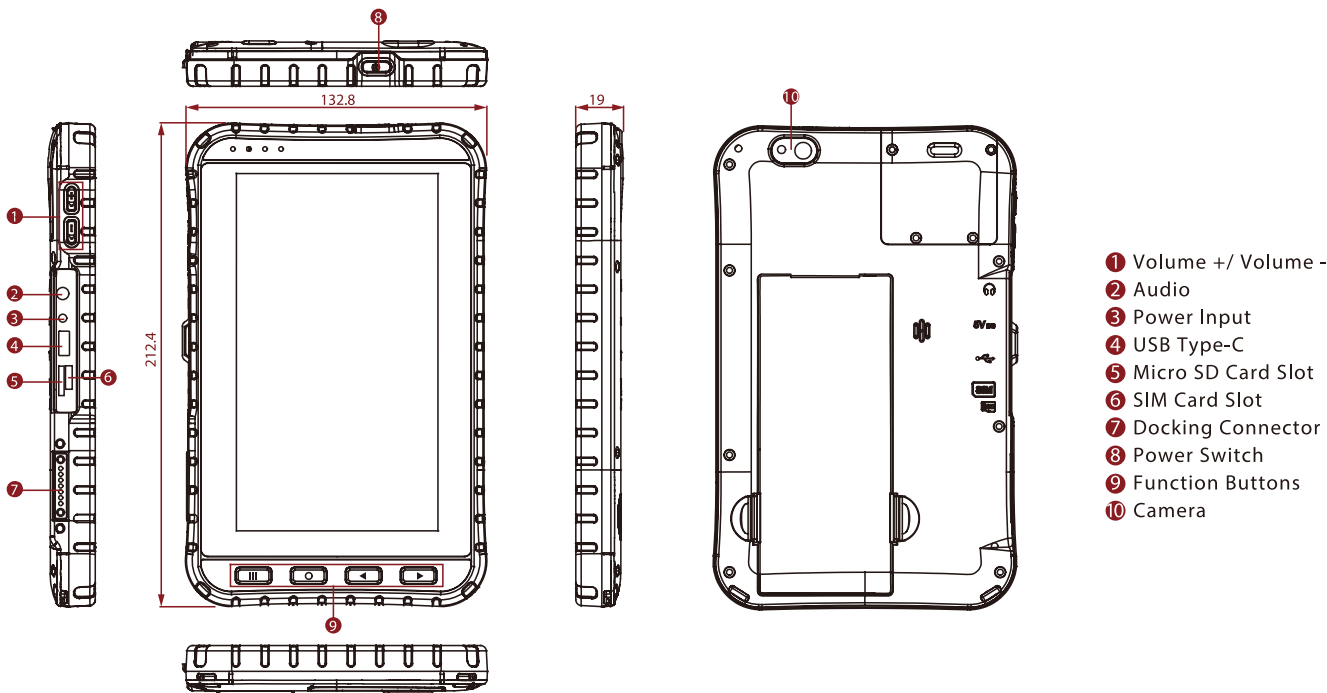
Operating Humidity	5% to 95% RH, Non-Condensing	Operating Temperature	-10°C to 50°C (Battery mode) -20°C to 60°C (Charging mode) Please avoid charging in hazardous locations.
Storage Temperature	-30°C to 70°C	Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I	IP rating	IP65, Compliance IEC60592

Drop	MIL-STD-810G Method 516.6, 5 ft		
Certification			
Certification	CE, FCC CATEX Zone 2 EX II 3 G Ex ic IIC Gc		
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)

DIMENSIONS

UNIT:MM

M700DQ8-EX, 7" ATEX rugged android PDA



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.