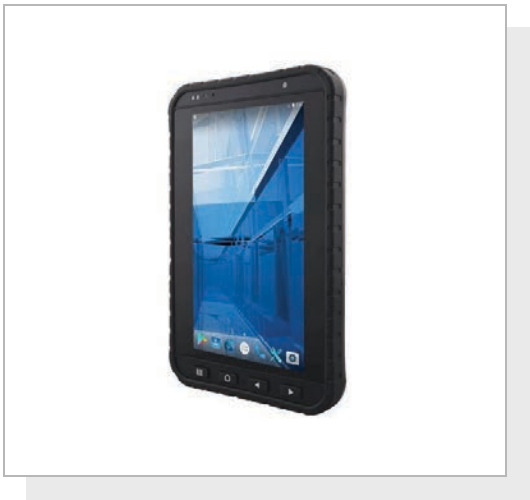# M700DM9

7-inch ARM A73 + A53 Rugged Android Tablet

KEY FEATURES

- 7 inch android tablet, 1280 x 720 TFT Panel with direct optical bonding
- IP65 waterproof and dustproof
- 4 GB RAM + 64 GB eMMC
- Rated for extreme temperature use
- Supports Android 11.0 OS, Sunlight readable android tablet

CE FC

OVERVIEW

Rated for Extreme Temperature Use

The M700DM9 industrial Android tablet is designed to operate in temperatures from -20 to 60 degrees Celsius (when charging) or -10 to 50 degrees Celsius (on battery). This versatility makes it ideal for cold chain logistics and various industrial applications.

Outdoor Visibility

The 7-inch sunlight-readable Android tablet features a 1280 x 720 TFT LCD screen with optical bonding technology, ensuring excellent visibility and true-to-life colors in bright conditions. Whether on the road, in a warehouse, or in a retail store, this industrial Android tablet is built for reliable performance in any environment.

Ultimate Productivity for Field Work

The M700DM9 is equipped with an 8MP front camera and a 13MP rear camera featuring an LED auxiliary light and autofocus for precise and rapid data capture. Additionally, it offers an optional 1D/2D barcode scanner for enhanced data collection capabilities.
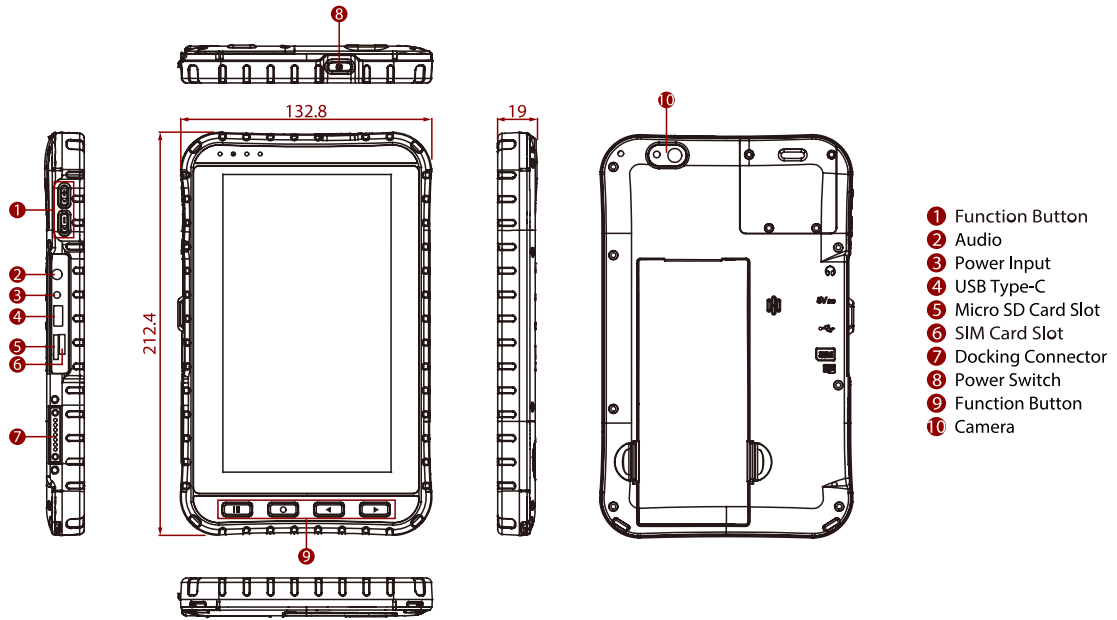
Ultimate versatility

With US Defense Standard 810G certification, the M700DM9 features a lightweight, compact, and rugged design, making it suitable for various industrial fields. This tablet can be used for in-vehicle applications with its docking station and adapter, or it can be easily transformed into a handheld device. Simply store it in a carry bag for complete 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	ARM A73 x 4 (2.0 GHz) + A53 x 4 (2.0 GHz)	Memory	4GB
Storage	64GB	Operating System	Android 11.0
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 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)
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		
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 Warm swappable function (Optional)	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	Optional Accessory	USB Type-C Cable x1 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.