Rugged MOBILE Computing

10" IP65 TFT LCD Panel 1280x800, Sunlight readable 800 nits, Capacitive Touch Panel Android 6.0 with ARM processor 8 core (Quad core 1.95GHz + Quad-core 1.15GHz) Bluetooth 4.0, Wireless LAN: IEEE 802.11b+g+n, 4G: FDD_LTE: Band 3/4/7/8/20 WCDMA: Band1/2/5/8 TDSCDMA: Band34/39, GSM/GPRS/EDGE: Band2/3/5/8 GPRS/EDGE Class 12, CDMA2000(EVDO) 80, GPS
NO Battery
No vehicle mount (no VESA)
The power consumption is 5W, 12V DC input

MODEL: MMBW1010AO-V1

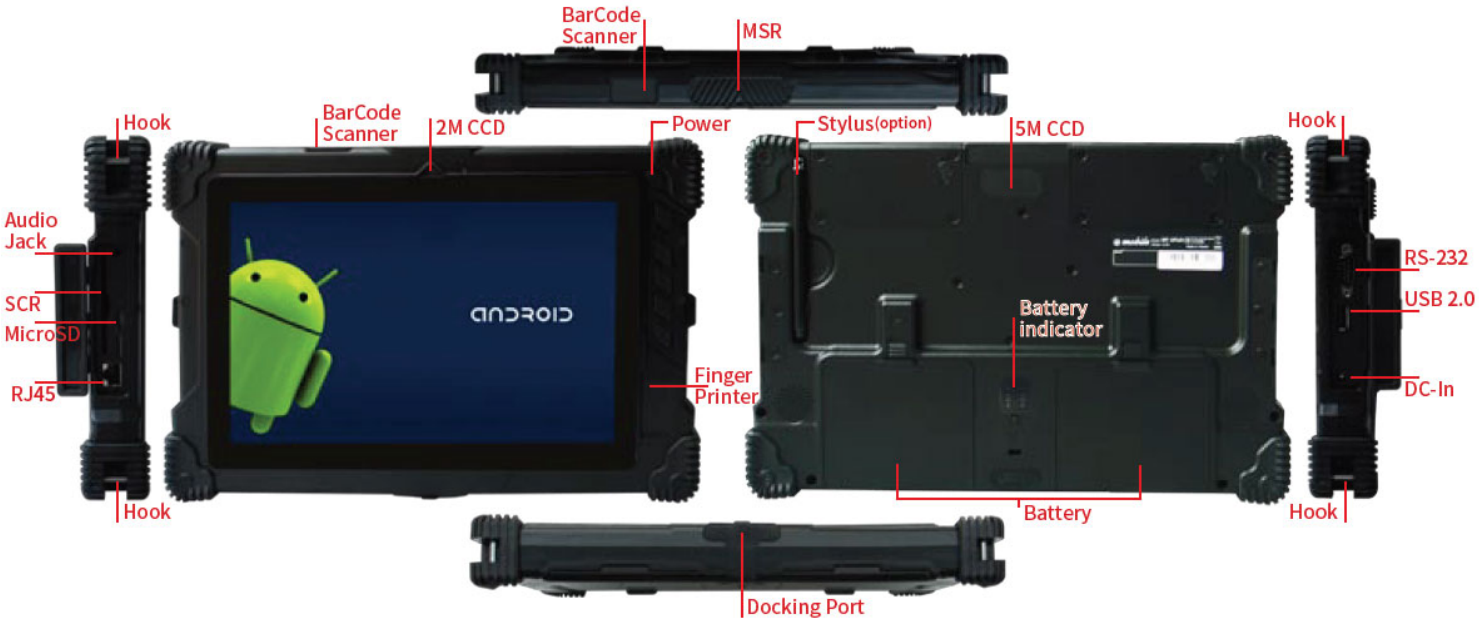
MSR

Barcode Scanner

RFID

SPECIFICATIONS:

System	
CPU	ARM processor 8 core (Quad core 1.95GHz + Quad-core 1.15GHz)
Memory & Storage	LPDDRII 2G eMCP 16GB
Operating System	Android 6.0
Display	TFT LCD 10 inch
	Touch type: Capacitive type
	Backlight Type: LED
	Display Resolution: 1280 x 800 (XGA)
	Luminance : Sunlight readable 800 nits
Speaker	Built-in speaker, 1W / 8 ohm
Microphone	Built-in microphone, -35/+-3 db, 2.2 Kohm, S/N: 58 db
Brightness adjustment	Software
Proximity & Light Sensor	Support
E-Campass	Support
Gravity Sensor	Support
Build-in Function	
WiFi	2.4GHz IEEE 802.11 b/g/n
Bluetooth	Integrated Blue Tooth 4.0
3G	WCDMA 900/2100MHZ / HSPA 7.2/5.76Mbps, 3GPP R6/GSM/GPRS/EDGE: 850/900/1800/1900 MHZ
GPS/AGPS	MTK original GPS
I/O Ports	
USB	1 x USB 2.0 Type A
RS-232	1 x RS232 connector
DC Jack	1 x DC Power input
RJ45	1 x 10/100 Ethernet
	Support POE (Power-Over-Ethernet applications up to 25.5W)
Micro SD	1 x Micro Secure Digital (SD) card slot
SIM Socket	1 x Micro SIM socket(3G only)
1 x Micro SIM socket(3G	1 x Ø3.5mm, Audio Line out / Microphone
Expansion Docking PORT	16 pin docking connector
Control Buttons	1 x Power on/off button
	1 x Barcode Scanner trigger button
	4 x Function Keys
Indicator	1 Power / 1 Battery status LED

Option Functions	
Bar code scanner	1D or 2D(UART Interface)
Camera	Front (2M) & rear (5M) dual Camera
USB Interface	Media formats: ISO 7811, AAMVA, and other F2F formats
	Swipe speed: 7 to 150 cm per second, bi-directional
	Operating Life: 1,000,000 cycles minimum
RFID	13.56 MHz Mifare DESFire Reader / ISO 15693 Reader
	Reading distance: 30mm ~ 50mm depending on tag types
	Long distance UHF RFID
Smart card reader	EMV 4.0 Level 1 spec certified
	Based on ISO7816 implementation
	Support PC/SC 2.0 Smart Card industry standard
Power	
AC/DC Adapter	12V DC input
Environment	
Operating Temperature	-10°C (14°F) to 50°C (122°F) , 0.5°C/min; 24 hr cycle x 3 cycle
Storage Temperature	-20°C (-4°F) to 70°C(158°F) , 0.5°C/min; 24 hr cycle x 7 cycles
Relative Humidity	95% @ 40°C (104°F) , 3 x 24 hr cycles
Physical	
Dimensions	306 x 207 x 40(mm)
Weight	1.4Kg with battery
Accessories	
Included	Shoulder strap
Optional	Docking station: 4 x USB, 1 x RS-232, 1 x RJ45, 1 x DC in, Earphone, Microphone
	Vehicle & Wall mount: Standard VESA & DC in
	12V~36V vehicle adapter, Stylus, 2 bay battery charger, Hand strap R

Operating	-10°C (14°F) to +50°C (122°F)		Operating
Storage	-20°C (-4°F) to 70°C(158°F)		Non-operating
Dust Protection	IP6x (dust)	IEC 60529 13.4 test Edition 2.1 2001-2	Non-operating
Water Protection	IPx5 (water)	IEC 60529 14.1/14.2.5 test Edition 2.1 2001-2	Non-operating
Vibration	5 Hz to 500Hz 2g/5g rms	MIL-STD-810G-514.6,E-2 Sine	Non-operating
	20Hz to 2000 Hz 7.69g rms	MIL-STD-810G-514.6,E-1 Random	Non-operating
Drop Test	Drop Height: 1200mm Drop Onto: 4 corner, 4 Edges, 2 Faces		Non-operating
Regulatory	CE / FCC / FCC ID / EN 60950-1 2005