

Rugged MOBILE Computing



IP65 Rugged Tablet PC 8" Touchscreen , 700nits brightness ARM processor 8 core (Quad core 1.95GHz + Quad-core 1.15GHz) Android 6.0
 Operating Temp: -10°C (14°F) to +50°C (122°F)
 Drop Test Drop Height: 1200mm
 Drop Onto: 4 corner, 4 Edges, 2 Faces
 Non-operating
 Regulatory CE / FCC / FCC ID / EN 60950-1 2005

MODEL: MMB800AO



MSR



Barcode Scanner



RFID

SPECIFICATIONS:

System	
CPU	ARM processor 8 core (Quad core 1.95GHz + Quad-core 1.15GHz)
Memory & Storage	LPDDRII 2G + 16GB eMMC
Operating System	Android 6.0
	TFT LCD 8 inch
	Touch type : Capacitive type
	Backlight Type : LED
	Display Resolution : 1024 x 768 (XGA)
	Luminance :800nits Sunlight readable
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	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/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) 800
GPS/AGPS	MTK original GPS
I/O Ports	
USB	1 x USB 2.0 Type A(host)
RS-232	1 x RS232 connector
DC Jack	1 x DC Power input
	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 SIM socket(3G/4G only)
Expansion Docking	16 pin docking connector
	1 x Power on/off button
	1 x Barcode Scanner trigger button
	4 x Function Keys
Indicator	1 Power / 1 Access / 1 Battery status LED

Option Functions	
Bar code scanner	1D or 2D(UART Interface)
Camera	
GPS	High performance positioning engine. Support 50 channels. GPS L1 Frequency, C/A code. SBAS: WAAS/ EGNOS/MSAS
MSR(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	Input AC: 100-240V Output DC: 16V / 4A
Battery Pack	External 3S1P, 3 Cell, DC 11.1V/3400mAh Option: External 3S2P, 6 Cell, DC 11.1V/6800mAh
Environment	
Operating	-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	251 x 181 x 39 (mm) (9.88" x 7.13" x 1.54")
Weight	1.2Kg with battery
Accessories	
Included	Shoulder strap, Hand strap
Optional	Docking station: 4 x USB, 1 x RS-232, 1 x RJ45, 1 x DC in, Earphone, Microphone, Battery charging bay Vehicle & Wall mount: Standard VESA & DC in 12V-36V vehicle adapter, Stylus, 2 bay battery charger

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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 20Hz to 2000 Hz 7.69g rms	MIL-STD-810G-514.6,E-2 Sine MIL-STD-810G-514.6,E-1 Random	Non-operating 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		

