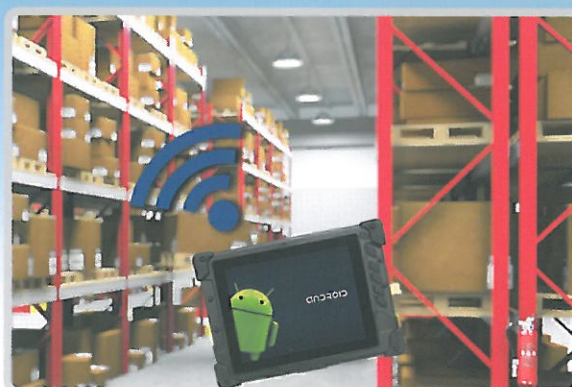




Rugged Mobile Computing / IMT-8+



MSR



RFID



Barcode Scanner

IMT-8+

System	
CPU	Quad core 1.3GHz
Memory	LPDDRII 2G
Storage	16GB eMMC
Operating System	Android 5.0
Display	TFT LCD 8 inch
	Touch type : Capacitive type
	Backlight Type : LED
	Display Resolution : 1024 x 768 (XGA) Luminance: 350 nits; 700 nits Sunlight readable is optional.
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(host) or 1 x Micro USB(device)
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 SIM socket(3G only)
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 Access / 1 Battery status LED

Option Functions	
Bar code scanner	1D or 2D(UART Interface)
Camera	Front (2M) & rear (5M) dual 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 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	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

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



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