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MT-68XX SERIES

MOBILE TERMINAL

The rugged tablets of the MT-68xx Series are developed for a wide range of applications in the mobile field services. It utilizes the Intel technology to have the choice between a desktop Windows 10 experience or Android 5.1. With its WiFi and cellular network capability your operation is always connected. Furthermore the MT-68xx Series support functions such as 1D/2D barcode scanning, NFC, GPS, photographing and voice communication. It can be used in various fields such as retail, manufacturing, fast moving consumer goods, logistics, warehousing, governments and public utilities. It is also best suitable for outdoor use with its dust and water resistance.

SPECIAL FEATURES

Rugged 8-inch Tablet with IP67
1280x800 resolution
Windows 10 IoT or Android 5.1
Capacitive multi-touch that supports handwriting pen
Always connected with Wifi and cellular network

OPTIONAL

1D / 2D barcode reader
NFC
Handwriting pen & various accessories
Windows 10 Pro

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TECHNICAL DATA

MT-68xx

ITEM	MT-6820	MT-6825	MT-6830
Operating System	Windows 10 IoT	Windows 10 IoT	Android 5.1
CPU	Intel® Atom™ CPU Z3735F @ 1.33GHz - 1.92GHz	Intel® Atom™ CPU Z8350 @ 1.44GHz - 1.92GHz	
LCD	Industrial-grade 8" IPS LCD display with 1280x800 resolution		
Brightness	320 nit		
Touch	10-point capacitive touch (supporting handwriting pen)		
RAM / ROM	2GB DDR3L RAM / 32GB ROM	4GB DDR3L RAM / 64GB ROM	
I/O Interface	1 x Micro USB 1 x USB 2.0 1 x Micro SD up to 128GB, supports SDHC/SDXC 1 x Micro SIM Card 1 x 3.5mm Headphone Jack 1 x Microphone 1 x Micro HDMI 1.4a 1 x 12-pin Pogo Pin		
Wireless Communication	WIFi 802.11 (a/b/g/n) frequency 2.4GHz + 5GHz dual band BT4.0		
WWAN	3G WCDMA (900/2100MHz) GSM (900/1800MHz), HSDPA 7.2Mbps, HSUPA 5.7 Mbps	4G LTE FDD LTE: Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 20, all bands with diversity WCDMA/HSDPA/HSUPA/HSPA+: Band 1, Band 2, Band 5, Band 8, all bands with diversity GSM/GPRS/EDGE: 850/900/1800/1900MHz	
Button / Keyboard	Power button, Minus Volume, Plus Volume, Barcode Reader button		
Sensor	Built-in gravity acceleration sensor		
Audio	Built-in microphone 1 x built-in 8Ω / 0.8W speaker 1 x 3.5mm Headphone Jack		
Camera	Front: 2MP Rear: 5MP		
Battery	3.7V, 8500mAh	3.7V, 7800mAh	
Working Time	8 hours (at default 50% volume, 200 lumen brightness, 1080 HD Video playback)	7 hours (at default 50% volume, 200 lumen brightness, 1080 HD Video playback)	
Power Supply	Input: DC100~240V, 50/60Hz Output: DC 5V, 3A, ø3.5 mm Interface		
NFC (optional)	13.56MHz NFC (support: ISO/IEC 14443A/14443B/15693/18092/Mifare protocol)		
GPS	Supporting GPS / QZSS / GLONASS		
Barcode Reader (optional)	**1D:** Zebra SE655E100R, optical resolution: 5mil, scan speed: 50 times/s, supported codes: UPC/EAN, Bookland EAN, UCC Coupon Code, ISSN EAN, Code 128, GS1-128, ISBT 128, Code 39, Trioptic Code 39, Code 32, Code 93, Code 11 **2D:** Zebra SE4710, optical resolution: 5mil, Scan Speed: 50 times/s, supported codes: all common 1D barcodes are supported, PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse		

Specification is subject of change without prior notice

Subject to alterations Nov. 2017

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TECHNICAL DATA

MT-68xx

ITEM	MT-6820	MT-6825	MT-6830
IP-Class	IP67		
Drop Resistance	1.2m wood floor		
ESD	4kV air discharge, 8kV contact discharge		
Dimensions	228mm (W) x 145mm (D) x 16.5mm (H)		
Weight	630g		
Environment	Temperature:	Operating: -10°C ~ +50°C (optional -20°C ~ +60°C)	Storage: -30°C ~ +70°C
Inbox Accessory	Power adapter, USB cable, Handstrap		
Options	NFC 1D/2D Barcode Reader Windows 10 Pro Storage Upgrade (*only with Minimum Order of Quantity)		NFC 1D/2D Barcode Reader
Optional Accessories	Handwriting pen, Docking station, Shoulder girdle, Shoulder straps, Car charger		

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