

PARTNER

CARE . TRUST . RESPONSIBILITY

MOBILE SOLUTIONS

HANDHELD TERMINAL | ENTERPRISE TABLET



MODEL

MT-6330 REV.5



MF-2352



MT-6620



MT-6630



OS	 Android 6.0	 Android 5.1	 Windows 10 Enterprise 2016 LTSB	 Android 8.1
Processor	1.3 GHz ARM Cortex-A52, Dual Core	1.1 GHz ARM Cortex A7, Dual Core	Intel® Atom™ x5-Z8350 up to 1.92 GHz, Quad Core	MTK 8735A 1.45 GHz, Quad Core
Memory Storage	2GB RAM 16GB ROM	1GB RAM (2GB optional) 8GB ROM (16GB optional)	2GB RAM 32GB ROM	2GB RAM 16GB ROM
Display	3.5" (640x960)	5" (1280 x 720)	5.98" (1280x720)	5.98" (1280x720)
Touch	Capacitive	Capacitive	Capacitive	Capacitive
I/O Interface	1 x Micro USB 1 x Microphone	Integrated 2" thermal printer, MSR, RFID and IC card reader 1 x SIM card (optional) 1 x Micro USB, 1 x Mini USB 3.5mm Audio Jack 1 x Micro SD (up to 128GB) 1 x Speaker 1 x Microphone 1 x Customer Display Internal: 1 x RS232 for Fiscal device 1 x I2C for Fiscal device	1 x Micro USB 1 x Micro SD (up to 128GB) 1 x Micro SIM 1 x 3.5mm Headphone Jack 1 x Microphone	1 x Micro USB OTG 1 x Micro SD (up to 128GB) 1 x Micro SIM 1 x 3.5mm Headphone Jack 1 x Microphone
Camera	Rear Camera: 8MP, autofocus, LED flash	Optional Rear Camera: 8MP	Front: 2MP Rear: 5MP	Front: 2MP Rear: 8MP AF + Flash
Cellular Communication	WCDMA, EDGE, GPRS, HSPA+, LTE	GSM/CDMA/WCDMA/TD-SCDMA/LTE FDD/LTE/TDD	WCDMA, GSM, HSDPA, HSUPA	WCDMA, GSM, HSDPA, HSUPA
Wireless Communication	WLAN 802.11a/b/g/n (2,4GHz + 5GHz)	WLAN 802.11 a/b/g/n	WLAN 802.11 a/b/g/n (Dual Band 2.4GHz + 5GHz)	WLAN 802.11 a/b/g/n (Dual Band 2.4GHz + 5GHz)
Bluetooth	Bluetooth 4.0+LE	Bluetooth 4.1 + LE	Bluetooth 4.0+LE	Bluetooth 4.0+LE
Infrared	✓	—	✓	✓
GPS	✓	✓	✓	✓
Google Play Services Support	✓	—	-	✓
Indicator	Vibrator alert, LED, Audio	LED	LED, Audio	LED, Audio
Battery	4000mAh (optional 6000mAh) replaceable	5200mAh + 600mAh Backup Battery replaceable	5000mAh replaceable	5000mAh replaceable
Sensor	Accelerometer	Accelerometer, Light sensor, Vibration	Compass, Accelerometer, Gyroscope	Compass, Accelerometer, Gyroscope
IP Class	IP65	-	IP67	IP67
Weight (incl. Battery)	255 g	650g	380g	380g
Dimension mm W x L x D	68 x 152 x 24	90 x 240 x 70	93 x 185 x 20.7	93 x 185 x 20.7
Drop on concrete	1.5m	-	1.2m	1.2m
Environment Operating Storage	-10°C to 50°C -20°C to 60°C	0°C to 45°C -20°C to 60°C	-10°C to 50°C -30°C to 70°C	-10°C to 50°C -30°C to 70°C
Options				
1D Scanner	✓	✓	✓	✓
2D Scanner	✓	✓	✓	✓
RFID	✓	Default	✓	✓
MSR	—	Default	—	—
IC Card Reader	—	Default	—	—
Fingerprint	—	✓	—	—
Fiscal Memory	—	✓	—	—
Cradle	✓	✓	✓	✓

MODEL

MT-6825



MT-6830 Rev. 2



M3a-2



M3w-2



OS	 Windows 10 IoT	 Android 8.1	 Android 7.1	 Windows 10 IoT
Processor	Intel® Atom™ x5-Z8350 up to 1.92 GHz, Quad Core	MTK 8735A up to 1.45 GHz, Quad Core	Qualcomm Octa Core APQ8053 Arm Cortex-A53 up to 2.2GHz	Intel® Pentium® 4200 Apollo Lake (1.10 GHz up to 2.50 GHz), Quad Core
Memory Storage	4GB RAM 64GB ROM	2GB RAM 32GB ROM	4GB RAM eMMC 32GB	4GB eMMC 64GB
Display	8" (1280x800)	8" (1280x800)	10.1" (1280x800)	10.1" (1280x800)
Touch	Capacitive	Capacitive	Capacitive	Capacitive
I/O Interface	1 x Micro USB 1 x USB 2.0 1 x Micro SD (up to 128GB) 1 x 3.5mm Headphone Jack 1 x Microphone 1 x Micro HDMI 1.4a 1 x 12-pin Pogo Pin (for Cradle)	1 x Micro USB 1 x USB 2.0 1 x Micro SD (up to 128GB) 1 x 3.5mm Headphone Jack 1 x Microphone 1 x Micro HDMI 1.4a 1 x 12-pin Pogo Pin (for Cradle)	1 x USB 3.0 Type A 1 x Micro SD card slot, max. 128GB 1 x SIM card 1 x Audio Jack 1 x 12V DC input power jack 1 x Micro HDMI 1 x POGO Pins (for Cradle)	1 x USB 3.0 Type A 1 x USB 2.0 Type Micro-B 1 x Micro SD card slot, max. 128GB 1 x SIM card 1 x Audio Jack 1 x 12V DC input power jack 1 x Micro HDMI 1 x POGO Pins (for Cradle)
Camera	"Front: 2MP Rear: 5MP"	"Front: 2MP Rear: 13MP"	Front: 2MP Rear: 8MP, Auto Focus	Front: 2MP Rear: 8MP, Auto Focus
Cellular Communication	WCDMA, GSM, HSDPA, HSUPA	WCDMA, GSM, HSDPA, HSUPA	tbd	tbd
Wireless Communication	WLAN 802.11 a/b/g/n (Dual Band 2.4GHz + 5GHz)	WLAN 802.11 a/b/g/n (Dual Band 2.4GHz + 5GHz)	WLAN 802.11 a/b/g/n/ac	WLAN 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.0+LE	Bluetooth 4.0+LE	Bluetooth 4.2	Bluetooth 4.2
Infrared	-	-	-	-
GPS			optional with MOQ	optional with MOQ
Google Play Services Support	-		-	-
Indicator	LED, Audio	LED, Audio	LED, Audio	LED, Audio
Battery	7800mAh not replaceable	7800mAh not replaceable	replaceable 7.4V 4600mAh Hot swap battery 3.7V/250 mAh	replaceable 7.4V 5000mAh Hot swap battery 3.7V/200 mAh
Sensor	Accelerometer	Accelerometer	Accelerometer	Accelerometer
IP Class	IP67	IP67	IP 65 (without Peripherals) IP 54 (with Peripherals)	IP 65 (without Peripherals) IP 54 (with Peripherals)
Weight (incl. Battery)	630g	630g	950g	950g
Dimension mm W x L x D	228 x 145 x 16.5mm	228 x 145 x 16.5mm	278 x 199 x 24.2mm	278 x 199 x 24.2mm
Drop on concrete	1.2m	1.2m	1m	1m
Environment Operating Storage	-10°C to 50°C -30°C to 70°C	-10°C to 50°C -30°C to 70°C	0°C to 40°C -20°C to 70°C	0°C to 40°C -20°C to 60°C
Options				
1D Scanner				
2D Scanner				
RFID			Default, 13.56MHz, ISO 14443A/14443B/15693	
MSR	-	-		
IC Card Reader	-	-		
Fingerprint	-	-		
Fiscal Memory	-	-	-	-
Cradle				

PARTNER TECH COMPANY

As a member of QISDA Group, Partner Tech Europe is the leading developer and producer of POS Solutions, POS Peripherals and Mobile Solutions. With their European headquarter based in Hamburg, Partner Tech has been operating since 1990, spreading their innovative technology worldwide. With their comprehensive variety of tools, from mobile ordering systems to compact all-in-one systems, the company is becoming an Intelligent Store Partner in today's globalizing world.

In cooperation with QISDA Group, Partner Tech Europe has extended their product range with cutting-edge technology, such as Digital Signage, In-Store Media, Process Optimization, Convenience Store Systems, aiming to be the best-practice provider for customers in retail, hospitality, and specialist stores.

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