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EM-310 (M3w-2)

MOBILE POS TECHNOLOGY IN AN ENTERPRISE TABLET



The EM-310 (M3w-2) Enterprise Tablet offers powerful mobile POS technology designed especially for retail and hospitality environments. This high-performance, rugged device and its integrated peripherals work with all leading POS software applications and can boost efficiency and profitability.

POS Base Adds Utility

While the EM-310 (M3w-2) works well as a mobile, handheld device, its POS base options give it the flexibility to be a countertop POS terminal. Base options have multiple I/O ports for connection to a printer, cash drawer, Ethernet, and peripherals such as the CD-7220 customer display. A key lock secures the tablet in place. Adjustable viewing angles meet the needs of cashiers and customers, and the premium base can flip 180° for customer signatures.

Built Tough for Busy Environments

This tablet is ready for the most demanding environments. It has an IP54 sealing rating, which means it is highly resistant to dust and moisture, including spills that sometime occur in busy retail stores or restaurants.

SPECIAL FEATURES

- Windows 10 IoT LTSC
- Intel APOLLO LAKE CPU platform
- Wireless communication capabilities
- IP54
- Easy all-day use for indoor and outdoor
- Variable and flexible functionality by options

OPTIONAL

- 2D Barcode scanner
- Encryption-capable MSR, EMV reader, Bio reader, NFC reader
- WWAN communication
- POS Base
  (Charging, LAN, USB, Cash drawer and Com port)

TECHNICAL DATA

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Item	EM-310 (M3w-2)
CPU	Intel® Pentium® Processor N4200 (Standard Spec)
	Quad CORES (4 corea / 4 Threads), Processor Base Frequency 1.10 GHz, Burst Frequency 2.50 GHz
Display	Resolution: 1280 x 800, Brightness: 350 nits
Touch	PCAP
Memory	Standard Spec: 4GB (DDR3L, 1.35V)
Storage	eMMC 64GB
I/O Interfaces	1x external USB3.0 TYPE-A 1x external USB2.0 Micro-B (NOT support charging) 1x DC +12V input power-jack 1x Micro HDMI 1x Audio Jack 1x Micro SD card Slot 1x SIM Slot
Power spec	1x DC +12V input power-jack
Speaker	2 x 2W speakers
WiFi / BT	WIFI & BT (M.2 2230 E key) 802.11a/b/g/n/ac, Bluetooth 4.2
Camera	Front Camera : 2.0 Mega pixel Rear Camera : 8.0 Mega pixel , Auto Focus
Battery	Main Battery: 7.4V,4600mAh
	(5 hours working, Video playing with 50% volume, BT & WIFI on, Brightness:50%)
	Hot swap battery 3.8V/250 mA
	(Hot-swap time frame for 5 minutes at S3)
Adaptor	DC 12V 3A
Dimensions	278mm x 199mm x 24.2mm (W/H/D)
Weight	1KG (with Battery)
Options	4G LTE (mini-PCIe card , Module: Quectel_EC25 series)
	3 Tracks Magnetic Stripe Reader ISO 7811
	EMV Certified IC Card Reader
	NFC Reader, 13.56 MHz, ISO 15693 / 18092 / 14443-A / 14443-B
	2D Barcode Scanner
	Fingerprint Reader
	3D Camera 0.3 Mega pixel at front side
	GNSS (GPS / Galileo / GLONASS , MOQ 600 pcs)
OS	Windows10 IoT LTSC 64-bit

*Specification is subject to change without prior notice



10.1" with auto rotation function



Rotatable 2D barcode scanner



Integrated Bio reader (Optional)

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POS Base for M3w-2



Adjustable POS Base and flip up to 135 degrees at customer-end (X3-10/20)



Patented keylock-free design Rotatable 2D barcode scanner (X3-10/20)

Item	X3-10	X3-20
Mechanism	POS Base Mini	POS Base Mini
USB	4	4
COM	4	4
Ethernet	1	1
Cash Drawer	1	1
DC in	12V 7.5A 90W	12V 15A 180W
Power USB	X	1* 12V 1.5A 1* 24V 2.3A
Dimension WxDxH(mm)	278*225.25*321.1	

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Battery Charging cradle CBE-1





Item	CBE-1
Fast charge slot	1
Normal charge slot	4
LED	Charging: Red Full charged: Green
Adaptor	12V/10A
Charging Time	Fast charge : 2 hr (8.4V / 2.0A) Normal charge : 3.5 hr (8.4V / 1.4A)

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PARTNER TECH USA INC.
15320 Barranca Parkway Suite 150.
Irvine, CA 92618
Phone: +1-949-598-1888
sales@partnertechcorp.com