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EM-300

MOBILE POS TECHNOLOGY IN AN ENTERPRISE TABLET



The EM-300 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-300 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 (increasing to IP65 without the card reader and scanner options), which means it is highly resistant to dust and moisture, including spills that sometime occur in busy retail stores or restaurants.

SPECIAL FEATURES

- Elegant, compact and rugged design
- Intel Celeron CPU (Braswell)
- 10.1" LCD-TFT monitor, resolution (1280 x 800)
- Projected Capacitive Touch (Multi Touch)
- WWAN support (EDGE, GPRS, WCDMA)
- Windows 8.1 / Windows 10 operating system

OPTIONAL

- 1D / 2D barcode reader
- 3-track MSR, fingerprint sensor, IC card or RFID/NFC reader
- WWAN communication
- Cradle (charging, LAN, USB)
- POS-Base (charging, LAN, USB, Powered USB (12V / 24V), RS232, Cash drawer connection)

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ITEM	EM-300
CPU	Intel® Celeron™ N3000 Braswell (1.04GHz up to 2.08GHz), quad core, 2 MB L2 Cache
LCD	10.1“ TFT-LCD, resolution 1280 x 800, brightness 350cd/m², LED backlight Display glass: hardened, scratch resistant, 6H at Mohs scale
Touch	Projected Capacitive Touch (Multi Touch) with USB interface
RAM / ROM	2GB (up to 4GB) / eMMC 32GB (up to 64GB)
I/O Interface	1 x Micro USB 1 x Micro SD 1 x Micro HDMI 1 x Earphone & microphone jack 1 x POGO pins (for cradle/ POS-Base) 1 x SIM card (internal)
Operating System	Windows 8.1, Win 10 IoT Enterprise
Wireless Communication	WLAN 802.11 a/b/g/n Bluetooth V4.0+HS class II
WWAN (option)	GPRS/EDGE/WCDMA: 850/900/1800/1900/2100MHz
Button / Keyboard	1 x Power button 2 x Barcode trigger keys
Sensor	Build-in G-sensor
Audio	Build-in loudspeaker
Battery	Rechargeable Li-ion battery 7.4V, 4000mAh
Working Time	5 hours movie with speaker, 50% brightness, WiFi on
Power Supply	Input: AC100~240V, 50/60Hz 1A Output: DC 12V, 3A
GPS (option)	Stand-alone & AGPS (supports Glonass)
IP-Class	IP65 (w/o MSR/IC card/barcode reader) IP54 (w MSR/IC card/barcode reader)
Drop Resistance	1m
Dimensions	10.94in (W) x 7.83in (L) x 0.82in (D)
Weight	2.1 lbs (with battery)
Environment	Operating: / Storage: Temperature: 32°F ~ 104°F / -4°F ~ 140°F Humidity: 5% ~ 95% / 5% ~ 95%
Packing	AC-adaptor with cable, USB cable, quick start guide
Options	1D/2D barcode reader, 3-track MSR, IC card or RFID/NFC reader, Fingerprint sensor WWAN, GPS, different models of cradle and POS-Base, hand strap

*Specification is subject to change without prior notice



10.1“High brightness monitor with auto rotation function



Integrated RFID/NFC (Optional)



Integrated FingerPrint sensor (Optional)

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Expansion sets for EM-300 Enterprise Tablet



Adjustable POS Base and Reversible up to 135 degrees at customer-end (PB-310-M/320-M)



Patented keylock-free design (PB-310/320(M))



Adjustable POS Base and Reversible up to 135 degrees at customer-end (PB-310/320)



Viewing angle adjustable from 20 to 36.5 degrees (CB-300/310)



Support with various I/Os (CB-310)



Various I/Os with Powered USB (PB-320/PB-320-M)

Item	PB-310	PB-320	PB-310-M	PB-320-M	CB-300	CB-310
Mechanism	POS Base Full	POS Base Full	POS Base Full Mini	POS Base Full Mini	Cradle Charging only	Cradle Full
USB	4	4	4	4	X	2
COM	4	4	4	4	X	1
Ethernet	1	1	1	1	X	1
Cash Drawer	1	1	1	1	X	X
DC in	12V 7.5A 90W	12V 15A 180W	12V 7.5A 90W	12V 15A 180W	12V 3A 36W	12V 3A 36W
Powered USB	X	1*12V 1.5A 1*24V 2.3A	X	1*12V 1.5A 1*24V 2.3A	X	X
Dimension WxDxH (in)	10.94*11.74*12.7		10.94*8.87*12.64		12.16*5.92*6.61	

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