

CARE. TRUST. RESPONSIBILITY

EM-100 VERSATILE ANDROID ENTERPRISE TABLET



Whether you are looking for a tablet for line busting, in-aisle customer assisting, or point of sale (POS) capabilities for your field sales or service team, Partner Tech's Android-based EM-100 Enterprise Tablet is the perfect choice.

The EM-100 keeps your staff connected to the business applications they need without being tethered to a checkout counter and allows them to provide service without making customers wait in line.

Employee-Friendly Operating System

Your employees are likely to be familiar with the popular Android OS, so it's easy for them to use the EM-100 to perform their jobs accurately and efficiently. It's also easy to train employees on the intuitive OS, which means new hires can work independently and start contributing value to your business from day one.

Rugged and Hardworking

The EM-100 is built to withstand harsh conditions. It has been tested to keep performing even after a 3-foot (1 meter)fall to a hard surface, and it has an IP65 rating for protection against damage from dust and moisture. With a design that minimizes downtime and repair costs, the rugged EM-100 keeps your operations going and has low TCO.



10.1"High brightness monitor with auto rotation function



Integrated NFC reader



Integrated FingerPrint sensor (optional)

SPECIAL FEATURES

Android 4.2.2 / 5.0.2 operating system

Freescale i.MX 6 Processor

Wireless communication capabilities

IP-Class 65

Easy all-day use for indoor and outdoor

Variable and flexible functionality by options

OPTIONAL

RFID/NFC reader 13.56MHz

OPTIONAL

1D / 2D Barcode scanner

3-track MSR, IC card reader, FingerPrint sensor

WWAN communication

Cradle (Charging, LAN, USB)

POS Base (Charging, LAN, USB)



EM-100

CPU Freescale i.MX 6, 1.0GHz	Item	EM-100
Touch Touch Projected Capacitive Touch (Multi Touch) RAM Storage 8GB standard or 2G 8GB standard or 16G I/O Interfaces Ix SIM (Internal) Ix Micro SD Ix DC Jack Ix Micro HDMI Ix Earphone & MIC Jack Ix POGO Pins (for Cradle), including charging function Operating System Android 4.2.2 / 5.0.2 RFID / NFC Wireless Communication WWAN (option) Data communication (GPRS/EDGE/WCDMA 850/900/1800/1900/2100 MHz) GPS (option) Camera Front: 2 Mega pixel Rear: 5 Mega pixel Rear: 5 Mega pixel Rear: 5 Wega pixel Rear: 5 Mega pixel Rear: 6 M	CPU	Freescale i.MX 6, 1.0GHz
RAM	Display	Size: 10.1", Resolution: 1280 x 800, Brightness: 350 cd/m², LED Backlight Display glass: hardened, scratch resistant, 6H at Mohs scale
Storage BGB standard or 16G	Touch	Projected Capacitive Touch (Multi Touch)
Ix SIM (internal) Ix Micro SD Ix DC Jack Ix Micro HDMI Ix Earphone & MIC Jack Ix Micro HDMI Ix Earphone & MIC Jack Ix Micro HDMI Ix Earphone & MIC Jack Ix Micro USB female type Ix Power button Ix POGO Pins (for Cradle), including charging function Ix POGO Pins (for Cradle), including c	RAM	1GB standard or 2G
Ix Micro SD Ix DC jack Ix Micro HDMI Ix Earphone & MIC jack 2x Barcode trigger keys Ix Micro USB female type Ix Power button Ix POGO Pins (for Cradle), including charging function Ix POGO Pins (for Cradle) Ix POGO Pins (fo	Storage	8GB standard or 16G
RFID / NFC Wireless Communication WLAN 802.11 a/b/g/n BT V4.0+HS class II WWAN (option) Data communication (GPRS/EDGE/WCDMA 850/900/1800/1900/2100 MHz) GPS (option) Stand-alone & AGPS (supports Glonass) Camera Front : 2 Mega pixel Rear: 5 Mega pixel Rear: 5 Mega pixel Speaker Internal, 2x 1.5W Power Adapter Input: 100V - 240V AC, 50/60Hz, 0.8A Output: 5V DC 3A: AC cable Battery Rechargeable Li-ion battery 3.7V, 8060mAh Working Time Bh movie with speaker, 50% brightness, WLAN "on" IP-Class IP65 (w/o MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) Drop Resistance Im Environment Temperature: 0°C - +40°C - 20°C - 60°C Humidity: 5% - 95% 5% - 95% Dimensions 278mm (W) x 199mm (L) x 20.9mm (D) Weight approx. 950g (with battery) Optional Modules (factory option) ID Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	I/O Interfaces	1x Micro SD 1x DC jack 1x Micro HDMI 1x Earphone & MIC jack 2x Barcode trigger keys 1x Micro USB female type 1x Power button
Wireless CommunicationWLAN 802:11 a/b/g/n BT V4.0+HS class IIWWAN (option)Data communication (GPRS/EDGE/WCDMA 850/900/1800/1900/2100 MHz)GPS (option)stand-alone & AGPS (supports Glonass)CameraFront : 2 Mega pixel Rear: 5 Mega pixelSpeakerInternal, 2x 1.5WPower AdapterInput: 100V - 240V AC, 50/60Hz, 0.8A 	Operating System	Android 4.2.2 / 5.0.2
Communication BT V4.0+HS class II WWAN (option) Data communication (GPRS/EDGE/WCDMA 850/900/1800/1900/2100 MHz) GPS (option) Stand-alone & AGPS (supports Glonass) Camera Front : 2 Mega pixel Rear: 5 Mega pixel Rear:	RFID / NFC	13.56MHz, ISO14443 A/B, ISO 15693, FeliCa
GPS (option) Camera Front: 2 Mega pixel Rear: 5 Mega pixel Rear: 5 Mega pixel Rear: 5 Mega pixel Rear: 5 Mega pixel Internal, 2x 1.5W Power Adapter Input: 100V ~ 240V AC, 50/60Hz, 0.8A Output: 5V DC 3A: AC cable Battery Rechargeable Li-ion battery 3.7V, 8060mAh Working Time IP-Class IP65 (w/o MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) IP65 (w/o MSR/IC card/scanner) IP66 (w/o MSR/IC card/scanner) IP67 (w/o MSR/IC car		
Camera Front : 2 Mega pixel Rear: 5 Mega pixel	WWAN (option)	Data communication (GPRS/EDGE/WCDMA 850/900/1800/1900/2100 MHz)
Rear: 5 Mega pixel Speaker Internal, 2x 1.5W Power Adapter Input: 100V ~ 240V AC, 50/60Hz, 0.8A Output: 5V DC 3A; AC cable Battery Rechargeable Li-ion battery 3.7V, 8060mAh Working Time IP-Class IP-65 (w/o MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) Drop Resistance Im Environment Operating: Operating: Operating: Storage: -20°C ~ 60°C Humidity: 5% ~ 95% 5% ~ 95% Dimensions 278mm (W) x 199mm (L) x 20.9mm (D) Weight approx. 950g (with battery) Optional Modules (factory option) ID Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, (factory option)	GPS (option)	stand-alone & AGPS (supports Glonass)
Power Adapter Input: 100V ~ 240V AC, 50/60Hz, 0.8A Output: 5V DC 3A; AC cable	Camera	Front : 2 Mega pixel Rear: 5 Mega pixel
Output: 5V DC 3A; AC cable Rechargeable Li-ion battery 3.7V, 8060mAh Working Time 8h movie with speaker, 50% brightness, WLAN "on" IP-Class IP65 (w/o MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) Drop Resistance Im Coperating: Storage: Temperature: 0°C ~ +40°C -20°C ~ 60°C Humidity: 5% ~ 95% 5% ~ 95% Dimensions 278mm (W) x 199mm (L) x 20.9mm (D) Weight approx. 950g (with battery) Optional Modules (factory option) ID Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	Speaker	Internal, 2x 1.5W
Working Time IP-Class IP65 (w/o MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) IP54 (w/MSR/IC card/scanner) Drop Resistance Im Operating: Storage: Temperature: 0°C ~ +40°C ~ -20°C ~ 60°C Humidity: 5% ~ 95% 5% ~ 95% Dimensions 278mm (W) x 199mm (L) x 20.9mm (D) Weight Optional Modules (factory option) ID Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	Power Adapter	
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Drop Resistance Im Coperating: Storage: Temperature: 0°C ~ +40°C -20°C ~ 60°C Humidity: 5% ~ 95% 5% ~ 95% Dimensions 278mm (W) x 199mm (L) x 20.9mm (D) Weight Optional Modules (factory option) ID Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	Working Time	8h movie with speaker, 50% brightness, WLAN "on"
EnvironmentOperating: O°C ~ +40°C Humidity:Storage: -20°C ~ 60°C 	IP-Class	
Temperature: $0^{\circ}\text{C} \sim +40^{\circ}\text{C}$ $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Humidity: $5\% \sim 95\%$ $5\% \sim 95\%$ Dimensions 278mm (W) x 199mm (L) x 20.9mm (D) Weight approx. 950g (with battery) Optional Modules (factory option) 1D Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	Drop Resistance	1m
Weight approx. 950g (with battery) Optional Modules (factory option) 1D Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	Environment	Temperature: 0°C ~ +40°C -20°C ~ 60°C
Optional Modules (factory option) 1D Barcode scanner (Laser) or 2D Barcode scanner (Imager), IC card reader ISO7816, 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	Dimensions	278mm (W) x 199mm (L) x 20.9mm (D)
(factory option) 3-track MSR ISO7811, FingerPrint sensor, Gyroscope	Weight	approx. 950g (with battery)
Additional devises Sensor Cradle or POS Base	(factory option)	3-track MSR ISO7811, FingerPrint sensor, Gyroscope Sensor

*Specifcation is subject of change without prior notice.



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