

Emdoor Information Co., Ltd.

Address: 1/F, Jinfulai Business Mansion, No.49-1,
Daobao Road, Baoan 28 District, Shenzhen, China
Tel: +86-18823322959 e-mail: jason.guo@emdoor.com

Model No.: EM-I16

Model No.:
EM-I16H



Product Outlook

Type	Details	Standard Configuration	Optional
Product Form	Type	Rugged Tablet	NA
	Dimension	280*187*22mm	NA
	Weight	Device unit: 1014g Unit with giftbox and standard accessories:1990g Docking: 290g, 10000mAh battery: 250g	NA

	Device Color	Black (frant and rear Panel: black, Decorate board:black)	Black+Silver (frant and rear Panel: black,
LCD	Screen Size	10.1 inch 16:10	NA
	Resolution	800 (RGB)*1280	1200*1920
	Brightness	280 cd/m2	optional SLR Sunlight visible film
TP	Touch Panel	10 points Capacitive, G+G, Rigidity: above 7H-Anti-scratch, TP thickness: 1.1mm, COF	optional SLR Sunlight visible film
Camera	Front	Front:2.0MP with chargeing indicator light	NA
	Rear	Rear: 5.0MP	NA
Speaker	Built-in	Embedded 8Ω/0.8W waterproof speaker x 1	NA
Mic		Sensitivity:-42db, output resistance:2.2kΩ	NA
Battery	Type	Lithium-ion polymer battery , pluggable, dimension: 21.8*92.3*9.5mm	Standard:1pcs, optional: 2pcs
	Capacity	3.7V/10000mAh	NA
	Endurance	8hrs(default 50% volumn, default200nit, play 1080P HD video)	NA
System Hardware Configuration			
Type	Details	Description	
CPU	Type	Intel cherry Trail Z8350	NA
	Speed	1.33Ghz-1.92GHz	NA
GPU	Type	Intel HD Graphic(Gen7)	NA
RAM	DDR3L	2GB	4GB
ROM	Emmc	32GB	64G/128G
G_sensor	Built-in	Gravity acceleration sensor	NA
Network Connections			
Type	Details	Descriptions	
WIFI	WIFI Module	WIFI 802.11(a/b/g/n) Frequency 2.4G+5.8G dual band WIFI,	NA

Bluetooth	Built-in	BT4.1 (BLE) class1.5 transmission distance: 10m	NA
3G	Built-in	IC:H350-A30 WCDMA (900/2100MHz) HSDPA 7.2Mbps, HSUPA 5.76Mbps	Huawei MU609 WCDMA Band 1/2/5/8 GSM/GPRS/EDGE: 850 MHz/900 MHz/1800 MHz/1900 MHz
4G	Built-in	NA	chip: ME909S-120 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
GPS	Built-in	Support :GLONASS,QZSS,GPS; Capture sensitivity: -160 dBm; Cool Start Time: <30second, Hot start time: <28seconds, frequency: 0.25 Hz ... 10 MHz (configurable)	NA
NFC	Built-in	NA	NXP NFC 13.56MHz Support ISO/IEC 14443A/14443B/15693/18092/mifare protocol, Card reading distance: 4cm
Data Collection			
Type	Details	Description	
Fingerprint	Optional	NA	S22A (FPC1020 Sensor, capacitance pressure type) 120MHz basic frequency、1M Bits Flash Memory、128KB SRAM

			Process speed: fingerprint recognized time< 0.45
1D Barcode scanner	Optional	NA	MOTO SE655E100R
			Optical Position: 5mil
			Scan speed: 50/s
			Symbol system:UPC/EAN, Bookland EAN ,UCC Coupon Code,ISSN EAN,Code 128,GS1- 128,ISBT 128,Code
2D Barcode Scanner	Optional	NA	Honeywell N3680 Hardware decoder
			Optical Resolution:1280*800; 5mil
			Scan speed:50/s
			Symbol system:PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode,QR Code, MicroQR, QR Inverse,Aztec,Aztec Inverses,Han Xin,Han Xin
Interface Configuration			
Type	Details	Descriptions	
TF slot	Extensive External M	Support SDHC/SDXC x1 max: 128G	NA
USB Interface	Extend external me	USB 2.0*1 (Host) for windows Android OTG x1	NA
Earphone Jack	Audio Output	ϕ3.5mm standard earphone jack x1	NA
DC Jack	Power	DC 5V 3A ϕ3.5mm Power connector x1	NA
HDMI	Video Output	HDMI 1.4a Type C x1	NA
Extensive Slot	pogo Pin	12pin Pogo Pin x1	NA
DB9 PORT	Serial port	*1 (RS232) TTL electrical level	NA
RJ45 PORT	internet port	*1(10/100 self-adaption)	NA

Air outlet	Air outlet	NA	*1(build in small board for customer customized) TLU1HP02H0709J-50(tong mao Plug) LU1HR04H0709K(tong mao Plug)
Standard Accessories			
Type	Details	Description	
OTG Cable	OTG Cable	USB OTG to MICRO USB cable length:45mm	NA
USB Cable	USB Cable	USB to micro 5P L=1.2M 4core aluminum foil shield cable	NA
Power Adaptor	Standard	AC100V ~ 240V、 50Hz/60Hz output DC 5V/3A USA Standard CE approval	UK Standard
			EU Standard
Software Configuration			
Type	Details	Description	
Operation System	OS version	windows 10 Home Default language: English Or Android 5.1	windows 10 Home 32bit
			Windows 10 Pro 32bit /64bit
			Windows 10 IOT 32bit /64bit
Product Certificate			
Type	Details	Description	
Certificate System	IP65	IP65 Report: Water resistance: IP-X5, Dust resistance: IP-6X Report ID no.: SET2015-07677 a.Inner Nozzle diameter: 6.3mm; b. water speed: 12.5±0.625L/min; c. Water Pressure: adjust according to water volumn; d.Central part of water volumn e.Spray time in surface of panel: about 1min; f.test time: at least 3min; g.distance between nozzle and panel surface: 2.5 ~ 3m。 After test, there is no water leakage in sample.	
	CE-NB	Y	
	MIL-STD-810G	Y	
	Battery	UN3803, MSDS,IEC62133	
Reliability			
Type	Details	Descriptions	
	Drop Height	100cm composite wood floors, in operation status	

Product Reliability	Operate Temperature	-10 °C to 50 °C (-20 °C to 60 °C optional)	
	Store Temperature	-30 °C to 70 °C	
	Humidity	Humidity: 95% Non-Condensing	
Product feature: 1.Support Windows 10/Andriod 5.1; 2.Support USB2.0 type A connector; 3.Support Docking charger docking extension; 4.Support NXP NFC(13.56M) ; 5.Support GPS navigation; 6.Support 1D/2D barcode scanner; 7.Support finger identification; 8.Rugged IP65 protection level; 9.Support 10000mAh pluggable battery; 10.Dragontrail Glass Touch Panel; 11.Support UART port, RJ45 port and customized port; 12.Support Wrist Strap and back jacket;			
	Charger Docking		

Picture



Car holder

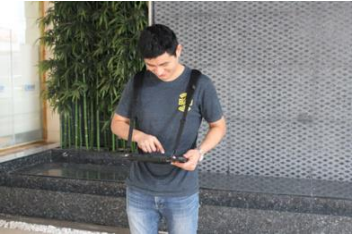
Picture



Picture		
Picture		
	Straps	

Picture		
	Shoulder straps	
Picture		
	Car charger	

Picture	 			
	Handwritten pen			
Picture	 			
	Adaptor			
	US standard adaptor	Europe standard adaptor	Three-in-one adaptor	

Picture				
	Straps			
Picture				
	Battery			

Picture

