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Product Model No (Subject): EM-I86H

Product pictures



Product Outlook

Type	Details	Standard Configuration
Product Form	Type	Rugged Tablet
	Dimension	228*145*16.5mm
	Weight	Device unit: 750g , Unit with giftbox and standard accessories:1400g, docking: 290g

	Device Color	black+ silver (bottom shell in silver color, front shell in black)
LCD	Screen Size	8 " 16:10
	Resolution	800*1280 IPS LCD
	Brightness	320Nit
TP	Touch Panel	Multipoints Capacitive, G+G, Rigidity: above 7H-Anti-scratch, TP thickness: 1.1mm, COF, support handwriting
Camera	Front	Front:2.0MP with indicator light
	Rear	Rear: 5.0MP
Speaker	build in	Embedded 8Ω/0.8W waterproof speakerx 1
Mic	build in	Sensitivity:-42db, output resistance2.2kΩ
Battery	Type	build in polymer li-ion battery
	Capacity	3.7V/8500mAh
	Endurance	8Hrs(default 50% volumn, default200 lumens brightness, play 1080P HD video)
System Hardware Configuration		
Type	Details	Description

CPU	Type	Intel Cherrytrail Z8350
	Speed	1.44Ghz-1.92GHz
GPU	Type	Intel® HD Graphics
RAM	DDR3L	2GB
ROM	Emmc	32GB
G_sensor	build in	Gravity acceleration sensor

Network Connections

Type	Details	Description
WIFI	WIFI module	WIFI 802.11(a/b/g/n) frequency 2.4G+5.8G dual band WIFI,
Bluetooth	build in	BT4.1 (BLE) class1.5 transmission distance: 10m
3G	Build in	IC:H350_A30: WCDMA(900/2100MHz) GSM (900/1800MHz) , HSDPA 7.2Mbps, HSUPA 5.76 Mbps
4G		NA

GPS	build in	U-blox NEO-7,support :GLONASS,QZSS,GPS;Capture sensitivity: -160 dBm; Cool Start Time: <30 seconds, Hot start time: <28 seconds, frequency: 0.25 Hz ... 10 MHz (configurable)
NFC	build in	NXP NFC 13.56MHz support SO/IEC 14443A/14443B/15693/18092/mifare protocol, Card reading distance: 4cm

Data Collection

Type	Details	Description
1D	OPTIONAL	NA
2D	OPTIONAL	NA

Interface Configuration

Type	Details	Descriptions
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TF slot	Extensive External Memory	support SDHC/SDXC x1 max: 128G
USB Interface	Extend external memory	USB 2.0*1 (Host) for windows Android OTG x1
Earphone Jack	Audio Output	φ3.5mm standard earphone jack x1
DC Jack	Power	DC 5V 3A φ3.5mm Power connector x1
HDMI	Video Output	HDMI 1.4a Type C x1
Extensive Slot	pogo Pin	12pin Pogo Pin x1

Standard Accessories

Type	Details	Description
OTG cable	OTG cable	USB OTG to MICRO USB cable length:45mm
USB cable	USB cable	USB to micro 5P L=1.2M 4core aluminum foil shield cable
Power Adaptor	Standard	AC100V ~ 240V、 50Hz/60Hz output DC 5V/3A USA Standard CE approval

Software Configuration

Type	Details	Description
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Operation System	OS version	windows 10 HOME Default language: English or Android 5.1
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Product Certificate

Type	Details	Description
Certificate System	IP67	IPX7 Method name: short time submerging test test device and test condition: submerge water box. the size should make the testing sample into submerge box and after then , the distance from sample bottom to water surface at least 1m. and distance from sample top side to water surface at least 0.15m.
	CE NB	Y
	MIL-STD-810G	Y
	Battery	UN38.3, MSDS,IEC62133

Reliability

Type	Details	Descriptions
Product	Drop Height	1.2m composite wood floors, in operation status
	operate Temperature	'-10 °C to 50 °C (-20 °C to 60 °C optional)

Reliability	Store Temperature	-30 °C to 70 °C
	Humidity	Humidity: 95% Non-Condensing
	Charger Docking (Optional)	
Picture		
	Car holder	

Picture



Picture

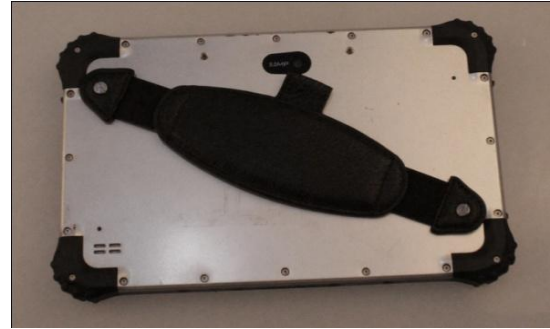


Picture

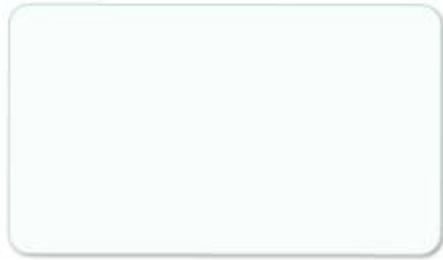


Straps

Picture



TP protective film



Shoulder straps

Picture



Car charger

Picture



Handwritten pen

Picture



Adaptor

US standard adaptor

rope standard adapt

Three-in-one adaptor

Picture



Straps

Picture

