

MS-9A80

10.1" Industrial Tablet PC with Intel® Atom™ Braswell N3010 Processor for Semi-Rugged, Fanless & Low-Power Solution



Specifications

Coming Soon

Display	LCD Size	10.1"
	Resolution	1280x800
	Brightness (cd/m2)	300
	Contrast Ratio	1300:1
	Support Colors	16.2M/262K
	Pixel Pitch (H/Vmm)	0.264x0.264
	Viewing Angle	H: 170 degree V: 170 degree
Touch Panel	P-CAP, 10-points Multi-touch screen, w/AR	
System Processor	CPU	Intel® Celeron® Processor N3010 , DC, 4W
	Frequency	1.04 GHz, up to 2.24GHz
	L2 Cache	2 MB
	CPU Type	BGA
	Chipset	N/A
Memory	Technology	Single-channel DDR3L SO-DIMM 1600MHz
	Max. Capacity	4GB (up to 8GB)
	Socket	1 x 204-pin SO-DIMM
Storage	mSATA	32G (up to 128G)
Communication	WLAN	WiFi 802.11 a/b/g/n/ac
	Bluetooth	Bluetooth (v4.0)
	3G/4G LTE	Optional 3G/4G LTE
	GPS	Optional GPS
Button	5 buttons (Power; Barcode reader trigger; 3 programming button)	
LED indicator	Power LED	
Sensor	G-Sensor	G-Sensor, Geomagnetic sensor, Gyro sensor, Light sensor
	Camera	Front Camera
	Rear Camera	5MP autofocus camera
IO interface	DC Jack	1
	USB 3.0	1
	Audio Jack	1 (Earphone/Mic-in)
	HDMI	1 (HDMI1.4b)
	Docking	1 (docking connector)
	Speaker	1

Features

- 10.1" 1280 x 800 IPS LED Panel with capacitive multi-touch
- Built-in Wi-Fi and Bluetooth, optional 3G/4G LTE
- Dual camera design; optional 1D/2D barcode scanner and NFC RFID for data collection
- IP65 dust/water-proof design
- 1.2m drop resistance, vibration resistance
- Li-polymer, hot-swappable battery design
- Rich peripherals capability with docking station and extension module supported

Optional I/O Module (select 1 out of 5)	LAN	10/100Base-T Ethernet (RJ45)
	USB 2.0	USB 2.0 port
	Barcode Reader	1D/2D barcode scanner
	Serial Port	D-sub 9-pin RS-232 port
	MicroSD	MicroSD slot
Expansion Slot	RFID	Optional 13.56MHz RFID
	SIM Card Slot	Nano type
	M.2	1 (WiFi module)
Battery	Mini-PCIe	2 x Full-size (one for mSATA; one for 3G/4G LTE module)
	Battery Type	Li-polymer battery (11.1V, 4000mAh), up to 8 hours ^(a)
Environment	Operating Temperature	-10~50oC
	Operating Humidity	95% RH, non-condensing
	Storage Temperature	-20°C ~ 60°C
	Storage Humidity	95% RH, non-condensing
Rugged Features	Dust/Water Proof	IP65
	Drop Resistant	1.2m drop design
Physical Characteristics	Vibration Resistant	Meet MIL-STD-810G method 514.6, procedure I (operating)
	Dimensions	300 x 212 x 25 mm ^(b)
Certification	Weight	Under 1.4kg ^(b)
	EMC	FCC, CE, C-Tick, VCCI
Software Platform	Safety	TUV, CB
	OS Support	Windows 7 (64-bit), Windows 8.1 (64-bit), Windows 10 (64-bit)

(a) The battery life will vary by system setting and configuration.

(b) The weight & dimensions are subject to change before mass production stage.

(c) Product specifications are subject to change without notice.