



Intel Atom[®] E3900 Series
10.1" Industrial Tablet PC

RPC101-AL



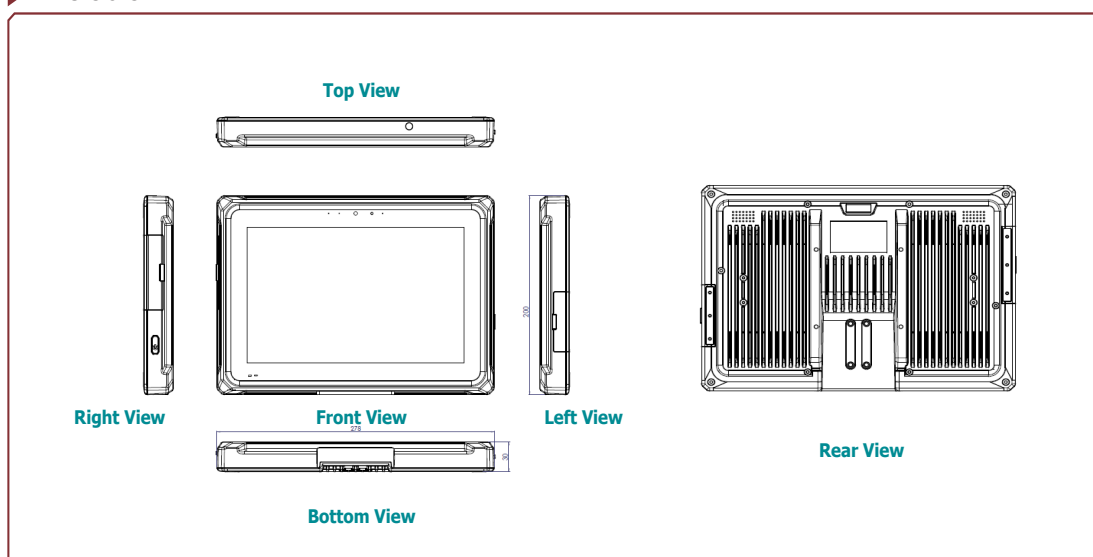
► Features

- IP54 Protection
- 500 nits sunlight readable display
- Capacitive touch supports glove touch, 2mm hard tip stylus; digitizer by request
- GNSS, Wi-Fi, Bluetooth and optional 4G LTE



Rear View

► Dimensions



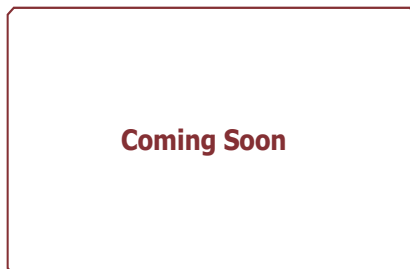
RPC101P-AL



Specifications

SYSTEM	Processor	Intel Atom® x7-E3950 Processor Quad Core 1.6GHz, 2.0GHz
	Memory	4GB 2 LPDDR4 SDRAM 16Gb (512M*32)
DISPLAY AND TOUCH SCREEN	Display	10.1" Panel (1280*800)
	Brightness	500 cd/m ²
	Sensor	InvenSense
STORAGE	SSD	Option (mSATA for storage By M.2 2230), eMMC Reserve
COMMUNICATION	Wireless	By M.2 2230 connector, Option By Mini-PCIe Connector, Option GPS module, SMD,(16x12.2x2.4mm),NEO-M8L(UBLOX)
	Rear Camera	1 x 5M Auto focus, Flash Light SOC CMOS Camera
CAMERA	Indicator	1 x LED (Color Red + Green), 1 x LED (color: Blue)
LED I/O	Left	1 x USB Type C 1 x Line out 1 x Sim Card Cover 1 x Power Button
	Rear	1 x 5M Auto focus, Flash Light SOC CMOS Camera with DOE-N02(USB Signal) GOTEK 1 x 4G Antenna inside 2 x Speaker 0.8W
	Up Side	1 x GPS Antenna inside + 1 x Wifi Antenna
	AC/DC Adapter	24V DC in By POGO & DC Jack
POWER	Battery	2S1P 7.3V min 3,750mAh / typ 4,100mAh , 4 hours@ film with speaker, 50% brightness
OS SUPPORT		Windows 10 IoT Enterprise
MECHANISM	IP Rating	IP54 Protection
	Dimensions (W x H x D)	278mm x 200mm x 30mm (W x H x D)
	Weight	2kg
ENVIRONMENT	Operating Temperature	-20~60°C Fixed Mount, 0~40°C Handheld
	Storage Temperature	-20~70°C
	Relative Humidity	5 to 85% RH (non-condensing)
STANDARDS AND CERTIFICATIONS	Drop	1 M Drop Tested
	Certification	CE, FCC, e-Mark (UNECE10 Compliance)
Mounting		VESA 75*75 , Cradle

Expansion sets for RPC101-AL Industrial Tablet



Docking station

Item	Docking station
USB	1
COM	1
DP++	1
DC IN	12V
Dimension	TBD

Ordering Information

Model Name	Part Number	Notes
RPC101P-AL50	TBD	10.1" Atom Tablet; RPC101P-AL50, Intel Atom E3950 , 4GB RAM, Capacitive Touch ,2M/5M Camera With Light sensor,12 VDC input, RoHs
Docking station	TBD	Tablet docking station: POGO to DP++, USB3.1, UART, DC IN

Assured Systems

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