

IPC-SP2E097

› Fanless Embedded PC Intel® Atom™ E3900 Series / Celeron® N3350 / Pentium® N4200 / 12V, 16~24V / HDMI

NEW



Features



- Intel® N3350 / N4200 / E3900 series SoC
- Fanless and slim design
- 2 x LAN, 6 x USB, 4 x COM, 1 x VGA, 1 x HDMI
- Supports both 12V and 16~24V wide voltage power input
- Supports 1 x 2.5" HDD, 1 x full-sized mSATA
- Optional 3G/4G module / WIFI module
- Operational temp: -40~60°C (E3930/E3940/E3950 only)

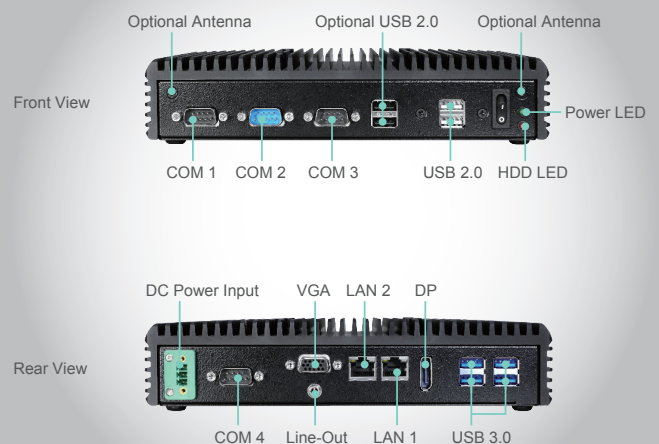
Specifications



System

CPU Support	Intel® Celeron® N3350: 6w, 2C, 1.1-2.4GHz Intel® Pentium® N4200: 6w, 4C, 1.1-2.5GHz Intel® Atom™ x5 E3930: 6.5w, 2C, 1.3-1.8GHz Intel® Atom™ x5 E3940: 10w, 4C, 1.6-1.8GHz Intel® Atom™ x7 E3950: 12w, 4C, 1.6-2.0GHz
Memory Support	1 x SO-DIMM socket, supporting 1600/1866MHz DDR3L memory up to 8G (non-ECC)
API/SW/FW	Watchdog / HW monitor / fTPM
Storage Support	1 x 2.5" 7 mm SATAIII HDD or SSD drive space
Power Input	Wide range voltage DC In 12V and 16~24V
Power Adapter	60W adapter w/ lockable 3-pin terminal block (optional)
Operating System	Windows 10 64bit / Ubuntu 17.04 (kernel:4.4) / Android
Expansion Slots	1 x full-sized mSATA slot (with SATA and USB signal) 1 x full-sized mPCIe slot (with PCIe and USB signal)
System Weight	2 kg
Dimensions	217.5 x 45 x 148 mm (W x H x D)
Certifications	FCC / CE

System Front View & Rear View



I/O Ports (Front side)

USB	2 x USB 2.0 (optional SKU: 4 x USB 2.0)
Serial Ports	COM1: RS232 COM2: RS232/422/485, selected by BIOS COM3: RS232 w/ RI/5v/12v, selected by jumper
LED	1 x power LED, 1 x HDD LED
Antenna Hole	2 x antenna holes (supports up to two optional antenna)
Power On/Off	1 x power button

I/O Ports (Rear side)

Power Input	3 pin DC In terminal block (lockable), supporting both 12V and 16~24V DC In
Serial Ports	COM4: RS232 w/ RI/5v/12v, selected by jumper
Display	1 x VGA, 1 x HDMI 1.4a
LAN	2 x LANs (supports Wake-On-LAN) LAN 1: Intel® I210IT LAN 2: Intel® I210IT
Audio	1 x Line Out
USB	4 x USB 3.0

Environment

Operating Temp. (with airflow)	HDD: 0°C~40°C (32°F~104°F)
	SSD: 0°C~60°C (32°F~140°F)
Storage Temp.	Wide range temperature SKU: -40°C~60°C (-40°F~140°F) (E3930/E3940/E3950)
	-40°C~85°C (-40°F~185°F)
Humidity	20%~90%

Applications

- Automation
- Retail
- Transportation
- Information