

SE-8134

› Intel® Atom™ / Pentium® / Celeron® Processor
Compact and Fanless Embedded PC

Features



- Intel® Atom™ E3950 / Pentium® N4200 / Celeron® N3350 / Celeron® J3455
- HDD easy maintenance design
- Three independent displays (2 x HDMI up to 4K + DVI-D)
- Multiple I/O port
(2 x LAN with PoE + 4 x USB 3.0 + 4 x COM + DIO + I²C)
- Expansion slot
(2 x full-sized Mini PCIe + SD slot + 2 x SIM slot)
- Support 4 x antenna holes
- Support power remote switch
- Wide-ranged voltage DC In (9~36V)
- Wide-ranged temperature (w/ E3950)
- TPM module (optional)



Specifications



System

CPU Support	Intel® Celeron N3350, 2C, 2.4GHz Intel® Celeron J3455, 4C, 2.3GHz Intel® Pentium N4200, 4C, 2.5GHz Intel® Atom™ x7 E3950, 4C, 1.8GHz
Memory Support	1 x DDR3L 1600/1867MHz SO-DIMM socket, memory up to 8GB
API	Watchdog / HW monitor / Digit IO / I ² C
Drive Bay	1 x 2.5" SATAIII HDD or SSD drive space
Power Input	DC In 9~36V
Power Adapter	DC In 24V, 72W or 120W (optional)
Operating System	Windows 10 IoT Enterprise LTSB 2016 64bit / Ubuntu16.04 LTS
Expansion Slots	1 x full-sized Mini PCIe (with mSATA or 3G/4G card with USB 2.0 signal) 1 x full-sized Mini PCIe (with PCIe or 3G/4G card with USB 2.0 signal)
System Weight	2 kg
Dimensions	217.5 x 45 x 148 mm (W x H x D)
Certifications	FCC / CE

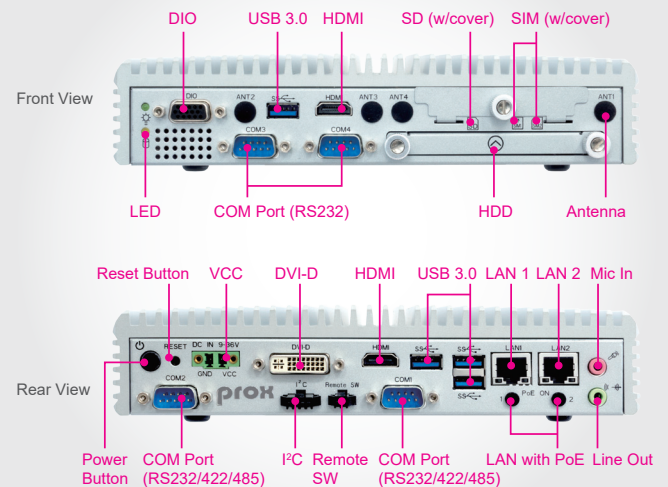
I/O Ports (Front side)

USB	1 x USB 3.0
Serial Port s	COM 3/4 for RS232
Display	1 x HDMI 1.4b (up to 3840 x 2160)
LED	1 x power LED, 1 x HDD LED
Antenna Hole	4 x antenna holes
Drive Bay	1 x 2.5" SATAIII HDD or SSD drive space
SD Card	1 x SD slot
SIM Card	2 x SIM slot
Digital I/O	4 in / 4 out

I/O Ports (Rear side)

USB	3 x USB 3.0,
Serial Port s	COM 1/2 for RS232/422/485 selectable under BIOS, RI/5V/12V selectable by jumper
Display	1 x HDMI 1.4b (up to 3840 x 2160), 1 x DVI-D
LAN	2 x LANs with PoE (IEEE 802.3af) as option, Wake-On-LAN, PXE LAN 1: Intel® I210IT LAN 2: Intel® I210IT
Audio	1 x Line Out / 1 x Mic In
I ² C	1 x I ² C port
Power Input	2 pin DC In terminal block, supporting 9~36V DC In
Power On/Off	1 x power button
LED	1 x remote switch 2 x PoE LED

System Front View & Rear View



Environment

Operating Temp.	HDD: 0°C~40°C (32°F~104°F) SSD: 0°C~50°C (32°F~122°F) Wide-ranged temperature: 0°C~50°C (32°F~122°F) (w/ N3350) Wide-ranged temperature: -20°C~50°C (-4°F~122°F) (w/ E3950)
Storage Temp.	-20°C~80°C (-4°F~176°F)
Humidity	20%~90%

Applications

- Automation
- Retail
- Banking
- Information
- Medical

* All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales.