

eBOX627-312-FL

Fanless Embedded System with Intel® Celeron® N3350 2.4 GHz/Pentium® N4200 2.5 GHz, HDMI, 2 GbE LAN, 6 USB, 4 COM and 9 to 36 VDC

Features

- Intel® Celeron® N3350/Pentium® N4200 onboard
- 204-pin DDR3L-1866 SO-DIMM for up to 8GB of memory
- Support HDMI, 2 GbE LAN, 4 COM and 6 USB
- Flexible I/O Window supported
- Trusted Platform Module 1.2 (TPM 1.2)
- -20°C to +70°C operating temperature range
- 9 to 36 VDC wide range DC input
- AMS.AXView 2.0 intelligent remote monitoring software for IIoT



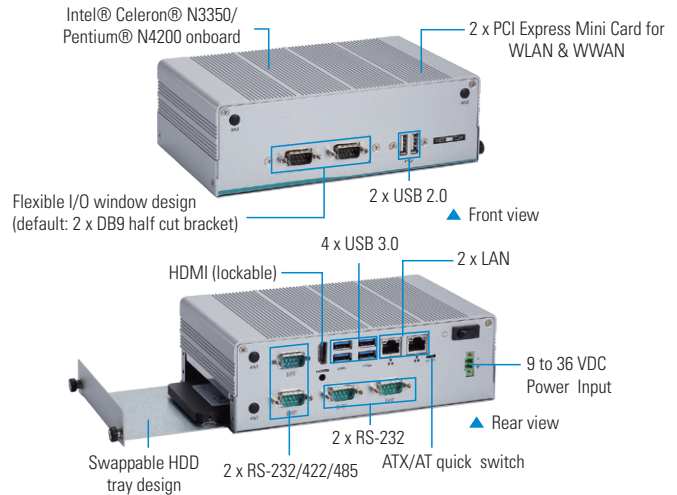
Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® Processor N3350 2.4 GHz Intel® Pentium® Processor N4200, 2.5 GHz
System Memory	1 x 204-pin DDR3L-1866 SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 2 x RS-232 1 x HDMI (lockable) 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT) 2 x USB 2.0 4 x USB 3.0 4 x SMA-type antenna connector 1 x Phoenix type VDC power input connector 1 x AT/ATX switch 1 x ATX power switch 1 x Flexible I/O Window (default : 2 x DB9 half cut bracket)
Watchdog Timer	65536 levels, 1 to 65535 sec.
Storage	1 x 2.5" HDD/SSD bay (max. up 9.5 mm height) 1 x mSATA (enabled in BIOS setting)
Expansion Interface	2 x Full-size PCI Express Mini Card slot (USB + PCIe signal) 1 x SIM slot
TPM	TPM 1.2
System Indicator	1 x Green LED for system power-on 1 x Yellow LED for HDD/SSD active
Power Input	9 to 36 VDC
Operating Temperature	Turbo Mode -20°C to +65°C (-4°F to +149°F) (with W.T. SSD/DRAM for 9 to 36 VDC) (default) Non-turbo Mode -20°C to +70°C (-4°F to +158°F) (with W.T. SSD/DRAM for 12 or 24 VDC)
Humidity	10% - 95%, non-condensing
Shock	IEC 60068-2-27 (with SSD: 50G, half sine, 11 ms duration)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 65 mm (2.55") (H)
Weight (net/gross)	1.38 kg (3.04 lb)/2.08 kg (4.59 lb)
Certifications	CE, FCC Class A
EOS support	Win 10 IoT, Linux
Software Support	AMS.AXView

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

- 1 x Quick manual
- 1 x Driver CD
- 1 x Screws pack
- 1 x DRAM thermal pad
- 4 x Pre-installed foot pad
- 1 x 2-pin terminal block connector



Power Protection

AC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- SCP (short current protection)

Ordering Information

Standard

eBOX627-312-FL-DC-N3350	Fanless embedded system with Intel® Celeron® N3350 2.4 GHz, 1 HDMI, 2 GbE LAN, 6 USB, 4 COM and 9 to 36 VDC
eBOX627-312-FL-DC-N4200	Fanless embedded system with Intel® Celeron® N4200 2.5 GHz, 1 HDMI, 2 GbE LAN, 6 USB, 4 COM and 9 to 36 VDC

Optional

2.5" SATA HDD	64GB or above
2.5" SATA SSD	100GB or above
DDR3L SO-DIMM	2GB to 8GB
mSATA	64GB or above
8816K6271A0E	Wall mount Kit
8816K6272A0E	VESA mount kit
8816K6273A0E	DIN-rail kit
50906D24000E	24V 120W adapter
881606209A0E	Wi-Fi module 3G/LTE module
E392903102	AX92903 CANbus PCI Express Mini module
E392902103	AX92902 LAN PCI Express Mini module
E392906101	AX92906 COM PCI Express Mini module
E392904102	AX92904 DIO PCI Express Mini module

* Specifications and certifications may vary based on different requirements.

Dimensions

