

# 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



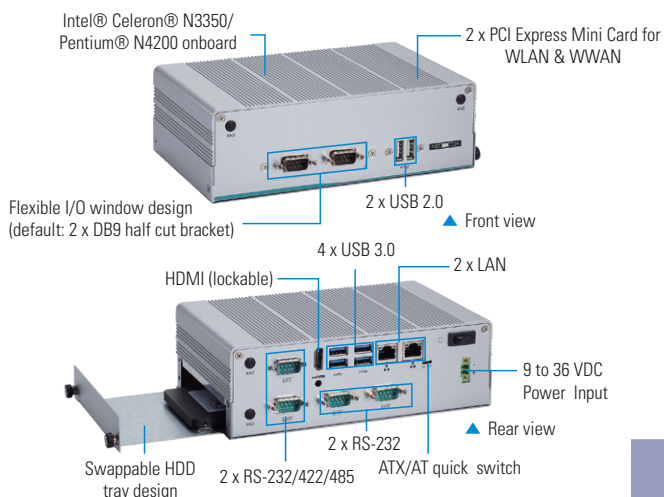
## Specifications

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" SATA HDD 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 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 (P/N: E36K627100)	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 (P/N: E36K627101)	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 power adapter
	Power cord
	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
E392918103	AX92918 Dual LAN PCI express Mini module

\* Specifications and certifications may vary based on different requirements.

## Dimensions

