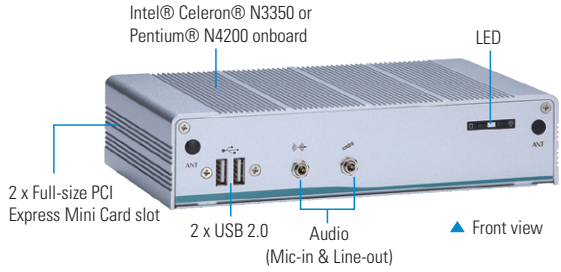
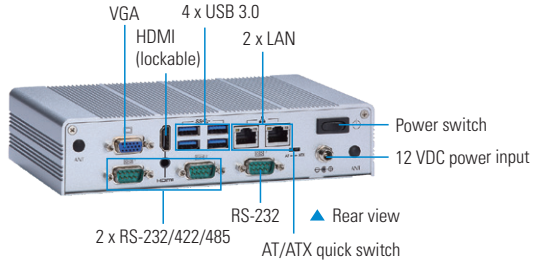
eBOX625-312-FL

Fanless Embedded System with Intel® Celeron® N3350 2.4 GHz or Pentium® N4200 2.5 GHz, HDMI, VGA, 2 GbE LAN, 6 USB and 3 COM

Features

- Intel® Celeron® N3350 or Pentium® N4200 onboard
- 204-pin DDR3L-1866 SO-DIMM for up to 8GB of memory
- Supports 2 GbE LAN, 3 COM, and 6 USB
- Supports one 2.5" SATA drive bay and mSATA
- Trusted Platform Module (TPM) 2.0
- 2 PCI Express Mini Card slots and 1 SIM slot
- -20°C to +65°C operating temperature range
- AXView 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 1 x RS-232 1 x HDMI (lockable) 1 x VGA 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® I211-AT) 4 x USB 3.0 2 x USB 2.0 4 x SMA-type antenna connector 1 x Screw type VDC power input connector 1 x AT/ATX switch 1 x ATX power switch	
Watchdog Timer	65536 levels, 1 to 65535 sec.	
Storage	1 x 2.5" SATA HDD drive bay (up to 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 2.0	
System Indicator	1 x Green LED for system power-on 1 x Yellow LED for HDD/SSD active	
Power Supply	Input AC 90 to 264V, AC 60W adapter with lock Output: 12 VDC, 5A	
Operating Temperature	Turbo Mode	-20°C to +60°C (-4°F to +140°F) (with W.T. SSD/DRAM) (default)
	Non-turbo Mode	-20°C to +65°C (-4°F to +149°F) (with W.T. SSD/DRAM)
Humidity	10% - 95%, non-condensing	
Shock Vibration	IEC 60068-2-27 (with SSD: 50G, half sine, 11 ms duration)	
Vibration Endurance	IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, 1 hr/axis)	
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 46 mm (1.81") (H)	
Weight (net/gross)	1.1 kg (2.43 lb)/1.8 kg (3.97 lb)	
Certifications	CE, FCC Class A	
EOS Support	Win10 IoT, Linux	
Software Support	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

Power Protection

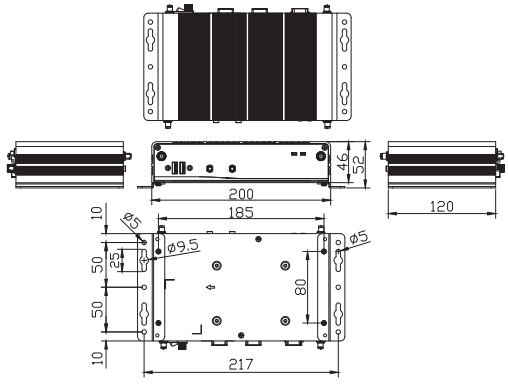
AC Version
OVP (over voltage protection)
UVP (under voltage protection)
SCP (short current protection)

Ordering Information

Standard	
eBOX625-312-FL-DC-N3350 (P/N: E36K625114)	Fanless embedded system with Intel® Celeron® N3350 2.4 GHz, HDMI, VGA, 2 GbE LAN, 6 USB, and 3 COM (w/o 12V 60W adapter and power cord)
eBOX625-312-FL-DC-N4200 (P/N: E36K625115)	Fanless embedded system with Intel® Pentium® N4200 2.5 GHz, HDMI, VGA, 2 GbE LAN, 6 USB, and 3 COM (w/o 12V 60W adapter and power cord)
Optional	
2.5" SATA HDD	64GB or above
2.5" SATA SSD	100GB or above
DDR3L SO-DIMM	2GB to 8GB
mSATA	64MB or above
8816K6271A0E	Wall mount Kit
886K62613A0E	VESA mount kit
886K62614A0E	DIN-rail kit
	3G/LTE module
50966124050E	12V 60W power adapter Power cord

* Specifications and certifications may vary based on different requirements.

Dimensions



* All specifications and photos are subject to change without notice.

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