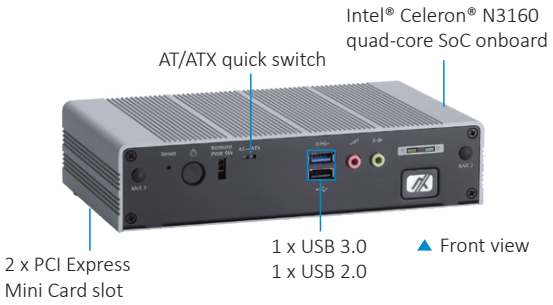
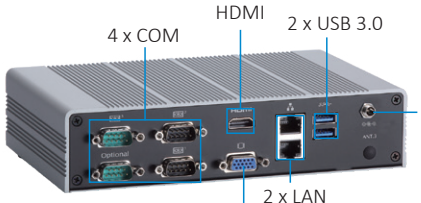
eBOX625-853-FL

Fanless Embedded System with Intel® Celeron® Processor N3160, VGA, HDMI, 4 COM, 2 GbE LAN, 4 USB, and 2 PCI Express Mini Card Slots



▲ Front view



▲ Rear view

Features

- Intel® Celeron® processor N3160 2.24 GHz (Braswell)
- HDMI and VGA with dual-view support
- Supports 4 COM and 4 USB
- 2 GbE LAN supporting WoL, Teaming, and PXE
- 2 PCI Express Mini Card slots for WLAN/WWAN/mSATA
- -20°C to +60°C operating temperature range
- Intel® Virtualization Technology (Intel® VT-x)

Microsoft Azure Certified | IP40 | Fanless | Low Power | DDR3L | Dual-View | AiRD | EN60950

Specifications

Standard Color	Silver-black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® processor N3160 2.24 GHz (2M Cache, up to 2.24 GHz)
System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x 10/100/1000 Mbps Ethernet (Intel® I210-AT) 1 x RS-232/422/485 (COM1) 3 x RS-232 (COM2 to 4) 3 x USB 3.0 1 x USB 2.0 1 x Audio (Mic-in/Line-out) 1 x HDMI (4K supported) 1 x VGA 1 x Screw-type VDC power input connector 1 x ATX power switch 1 x Remote power switch 1 x Reset switch connector 1 x AT/ATX quick switch 3 x Antenna opening 8-CH programmable DIO (optional)
Watchdog Timer	255 levels, 1 to 255 sec.
Storage	1 x 2.5" HDD drive bay (max. up 15 mm height) 1 x mSATA (enabled in BIOS setting)
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCIe signal) 1 x Full-size PCI Express Mini Card slot (USB + PCIe signal) 1 x SIM slot
TPM	N/A
System Indicator	1 x Green LED for system power-on 1 x Yellow LED for HDD active
Power Supply	Input: 90 to 264 VAC, 36W adapter with lock Output: 12 VDC@3A

Specifications

Operating Temperature	-20°C to +60°C (-4°F to +140°F) (with W.T. SSD/DRAM)
Humidity	10% - 95%, non-condensing
Vibration Endurance	3 Grms with SSD (5 to 500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 46 mm (1.81") (H)
Weight (net/gross)	1.2 kg (2.65 lb)/1.9 kg (4.19 lb)
Certifications	CE, UKCA
EOS Support	WES7, WE8S, Win 10 IoT, Linux

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

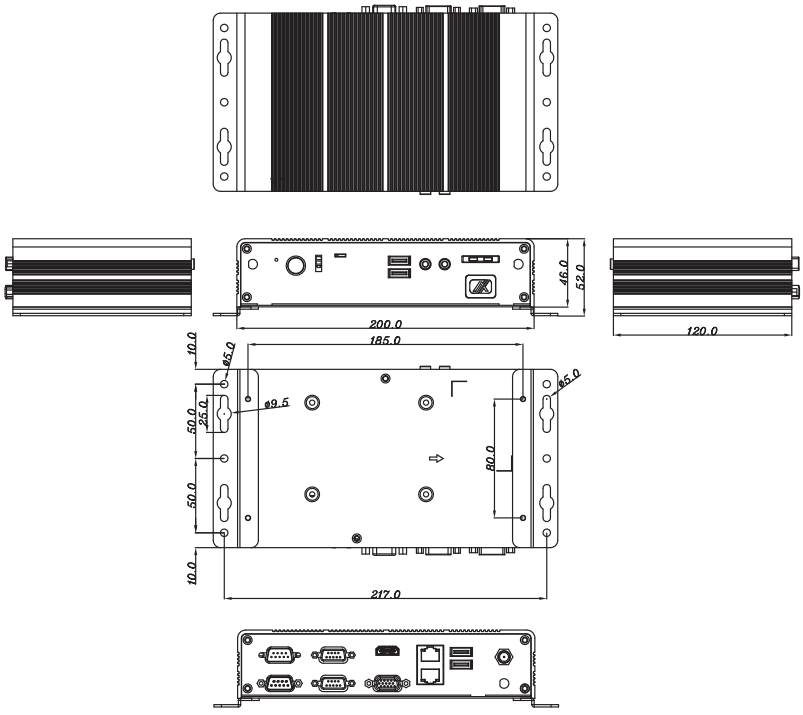
Power Protection

AC Version

OVP (over voltage protection)
UVP (under voltage protection)
SCP (short circuit protection)

Ordering Information

Standard	
eBOX625-853-FLDC-N3160 (P/N: E36K625118)	Fanless embedded system with Intel® Celeron® N3160, VGA, HDMI, 4 COM, 2 GbE LAN, 4 USB, and 2 PCI Express Mini Card slots
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
E29R129100	Wall mount kit
E29R129113	VESA mount kit
E29R129114	DIN-rail kit
	Wi-Fi/LTE module
50956A24030E	Screw-type 12V 36W power adapter
	Power cord

* Specifications and certifications may vary depending on specific requirements.

Dimensions