eBOX625-853-FL

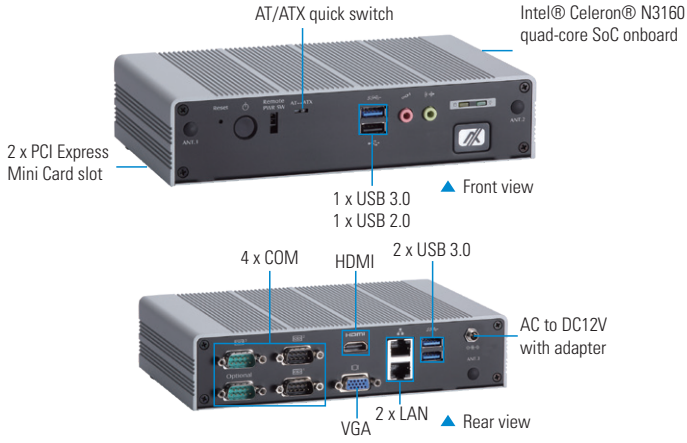
Fanless Embedded System with Intel® Celeron® Processor N3160, VGA, HDMI, 4 COM, 2 GbE LAN, 4 USB, and 2 PCI Express Mini Card Slots

Features

- Intel® Celeron® processor N3160 2.24 GHz (Braswell)
- HDMI and VGA with dual view supported
- Supports 4 COM and 4 USB
- 2 GbE LAN support 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 | DualView | 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® i211-AT) 1 x RS-232/422/485 3 x RS-232 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 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: AC 90-264V, AC 36 W adapter with lock Output: DC 12V@3A
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
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 current protection)

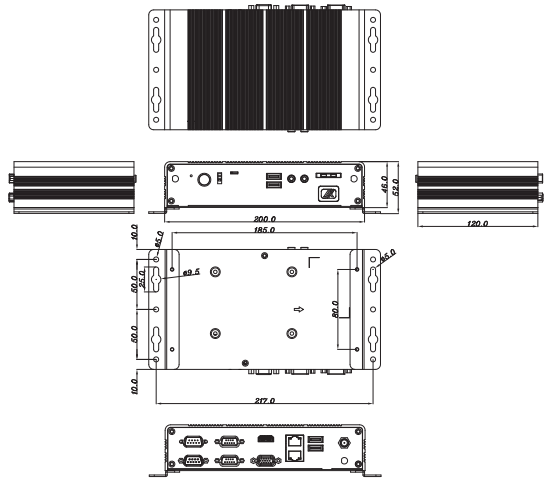
Ordering Information

Standard	
eBOX625-853-FL-DC-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
8816K6271A0E	Wall mount kit
886K62613A0E	VESA mount kit
886K62614A0E	DIN-rail kit
	3G/LTE module
50956A24030E	12V 36W power adapter
	Power cord

* Specifications and certifications may vary based on different requirements.

Dimensions



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