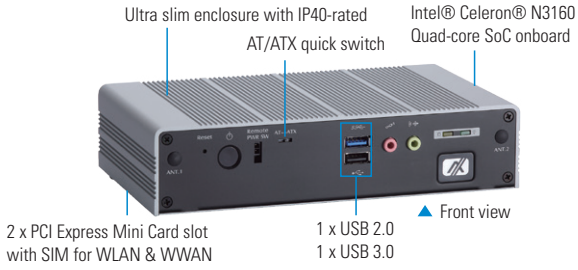
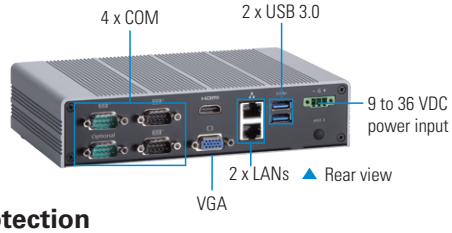
eBOX626-853-FL

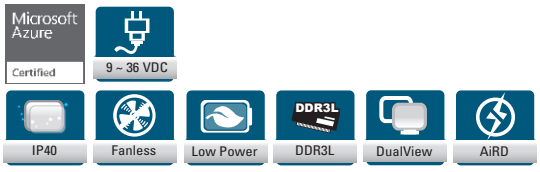
Fanless Embedded System with Intel® Celeron® Processor N3160, VGA, HDMI, 4 COM, 2 GbE LANs, 4 USB, 2 PCI Express Mini Card Slots and 9 to 36 VDC

Features

- Intel® Celeron® processor N3160 2.24 GHz (Braswell)
- HDMI and VGA with dual independent displays
- Supports 4 COM and 4 USB
- 2 GbE LANs support WoL, Teaming and PXE
- 2 PCI Express Mini Card slots for WLAN/WWAN/mSATA modules
- 9 to 36 VDC wide range power input
- -20°C to +60°C operating temperature range







Specifications

Standard Color	Silver-black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® processor N3160 2.24 GHz (2M 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 Phoenix 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" SATA 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 (PCI Express + USB signal) 1 x Full-size PCI Express Mini Card slot (PCI Express + SATA 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 Input	42.5 W, 9 to 36 VDC
Operating Temperature	Standard: -20°C to +60°C (-4°F to +140°F) Boost mode: -20°C to +55°C (-4°F to +131°F) (with W.T. SSD/DRAM)
Humidity	10% to 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, Linux

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

Power Protection

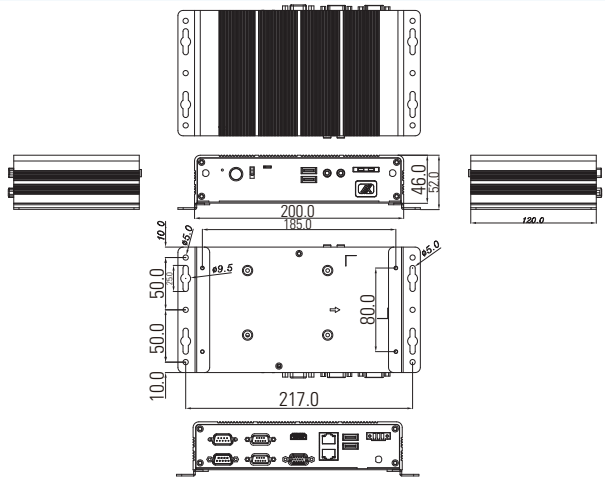
DC Version
OVP (over voltage protection)
UVP (under voltage protection)
OCP (over current protection)
Reverse protection

Ordering Information

Standard	
eBOX626-853-FL-N3160-DC	Fanless embedded system with Intel® Celeron® N3160, VGA, HDMI, 4 COM, 2 GbE LANs, 4 USB, 2 PCI Express Mini Card slots and 9 to 36 VDC
eBOX626-853-FL-N3160-DC-DIO	Fanless embedded system with Intel® Celeron® N3160, VGA, HDMI, 3 COM, 1 DIO, 2 GbE LANs, 4 USB, 2 PCI Express Mini Card slots 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	64MB or above
8816K6271A0E	Wall mount Kit
8816K6272A0E	VESA mount kit
8816K6273A0E	DIN-rail kit
8816K6603A0E	Wi-Fi module
	3G/LTE module

* Specifications and certifications may vary based on different requirements.

Dimensions



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