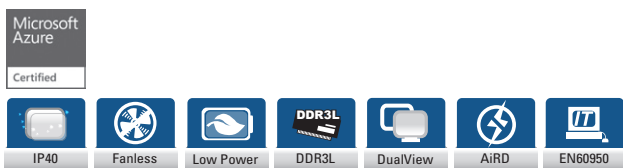


# eBOX625-853-FL

Fanless Embedded System with Intel® Celeron® N3160 2.24 GHz, VGA/HDMI, 4 COM, 2 GbE LANs, 4 USB, and 2 PCIe Mini Card Slots

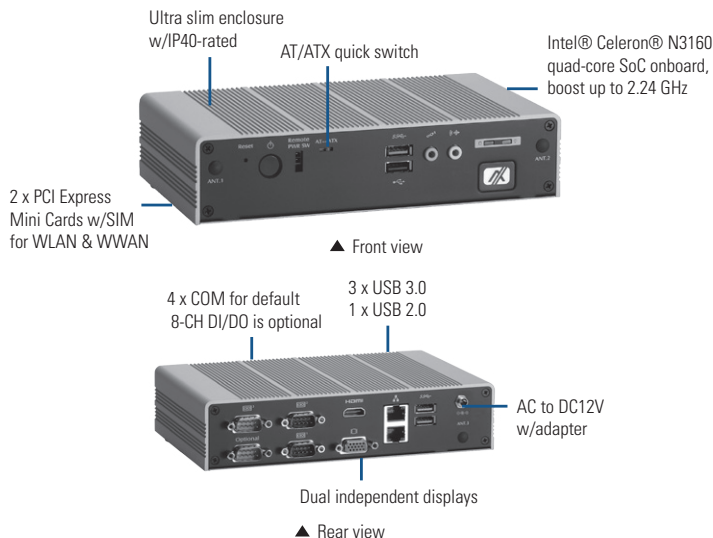
## Features

- Intel® Celeron® N3160 2.24 GHz quad-core SoC (Braswell)
- HDMI and VGA with dual view supported
- 4 COM and 4 USB ports
- 2 GbE LANs support WoL, Teaming and PXE
- 2 PCIe Express Mini Cards for WLAN/WWAN/mSATA modules
- -20°C to 60°C wide operating temperature range
- Intel® Virtualization Technology (Intel® VT-x)



## Specifications

Standard Color	Silver-black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® processor N3160 2.24 GHz Braswell quad-core SoC (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® i211AT) 1 x RS-232/422/485 (COM 1) 3 x RS-232 (COM 2-4, option default: COM 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 VDC power input connector 1 x ATX power switch 1 x Remote power switch 1 x Reset button 1 x AT/ATX quick switch 3 x Antenna opening Optional 8-CH programmable DIO
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD bay, max. height 15 mm 1 x mSATA
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 Card slot
System Indicator	1 x green LED for system power 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 ~ +60°C (-4°F ~ +140°F) (with W.T. SSD/DRAM, N3160)
Humidity	10% ~ 95%, non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, 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)
Certification	CE
EOS support	WES7, WE8S, Win10 IoT, Linux



## Power Protection

### AC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- SCP (short current protection)

## Ordering Information

### Standard

eBOX625-853-FL-N3160-US	Fanless embedded system with Intel® Celeron® N3160, VGA/HDMI, 4 COM, 2 GbE LANs, 4 USB, 2 PCIe Mini Card, AC/DC adapter and US power cord
eBOX625-853-FL-N3160-EU	Fanless embedded system with Intel® Celeron® N3160, VGA/HDMI, 4 COM, 2 GbE LANs, 4 USB, 2 PCIe Mini Card, AC/DC adapter and EU power cord

### Optional

2.5" SATA HDD	80GB or above
2.5" SATA SSD	40GB or above
DDR3L SO-DIMM	1GB ~ 8GB
mSATA	512MB or above
Wall mount Kit	88606200010E
VESA mount kit	88606200020E
DIN-rail kit	88606200030E
WLAN module	
WWAN module	

\* Specification and certifications are based on requirements and may vary.

## Dimensions

