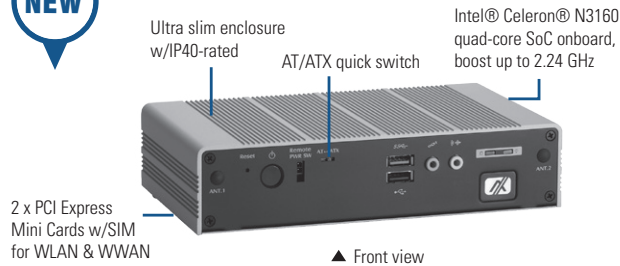


# eBOX625-853-FL

Fanless Embedded System with Intel® Celeron® N3160 1.6 GHz, VGA/HDMI, 4 COM, 2 GbE LANs, 4 USB, and 2 PCI Express Mini Card Slots

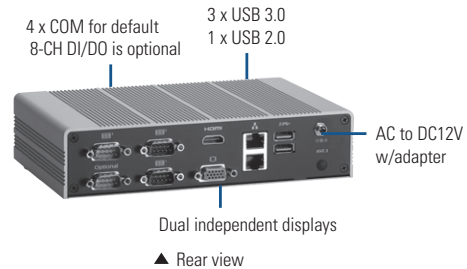


## Specifications

Standard Color	Silver-black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® processor N3160 1.6 GHz Braswell quad-core SoC (2M Cache, up to 2.24 GHz)
System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, max. up to 8 GB
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 PWR switch 1 x reset 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 36W adapter with lock Output: DC 12V@3A
Operating Temperature	-20°C ~ +60°C (-4°F ~ +140°F) (with W.T. SSD/DRAM, N3160)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
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

## Features

- Intel® Celeron® N3160 1.6 GHz quad-core SoC (Braswell)
- HDMI and VGA with dual view supported
- Supports 4 COM and 4 USB ports
- 2 GbE LANs support WoL, Teaming and PXE
- 2 PCI Express Mini Cards for WLAN/WWAN/mSATA modules
- -20°C to 60°C wide range operating temperature
- Intel® Virtualization Technology (Intel® VT-x)



## Power Protection

### DC 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 PCI Express Mini Cards, 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 PCI Express Mini Cards, AC/DC adapter and EU power cord

### Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
mSATA	512 MB or above
Wall mount Kit	82606200010E
VESA mount kit	82606200020E
Din-rail kit	82606200030E
WLAN module	
WWAN module	

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

## Dimensions

