

# XEB-066

*Mini-ITX SBC with Intel® Celeron® Processor N3160 (up to 2.24 GHz) SoC, VGA/HDMI/LVDS, USB 3.0, PCI Express Mini Card, mSATA, PCIe x1, and HD Audio*



## Features

- Intel® Celeron® N3160 processor 2.24 GHz SoC (Braswell)
- 2 DDR3L-1333 MHz SO-DIMM max. up to 8 GB
- PCI Express Mini Card slot and PCIe x1 supported
- 4 USB 3.0 and 2 USB 2.0 ports
- 1 SATA-600, 1 mSATA and 1 SDXC supported
- 6 COM ports supported
- 12VDC and STD ATX supported
- VGA, HDMI and LVDS with triple view supported

## Specification

### System

<b>CPU</b>	Intel® Celeron® processor N3160 (up to 2.24 GHz) quad core SoC (Braswell)
<b>System Memory</b>	2 x 204-pin SO-DIMM dual channel DDR3L-1333, max. up to 8 GB
<b>Chipset</b>	SoC integrated
<b>BIOS</b>	AMI
<b>SSD</b>	SDXC Slot
<b>Watchdog Timer</b>	255 levels, 1~255 sec.
<b>Expansion Interface</b>	1 x PCIe x1 1 x PCI Express Mini Card
<b>Battery</b>	Lithium 3 V/ 220 mAh
<b>Size</b>	170 x 170 mm
<b>Temperature</b>	0°C ~ +60°C (32°F ~ 140°F), operation
<b>Operation Humidity</b>	10% ~ 95% relative humidity, non-condensing

### I/O

<b>MIO</b>	1 x PS/2 keyboard and mouse 2 x RS-232/422/485 (Rear I/O) 4 x RS-232 (COM 3 with +5/+12V)
<b>SATA</b>	1 x SATA-600 1 x mSATA
<b>Hardware Monitoring</b>	N/A
<b>Ethernet</b>	2 x Realtek RTL8111F for Gigabit LAN support WoL & PXE
<b>Audio</b>	HD Codec audio as MIC-in/Line-out with Realtek ALC662
<b>USB</b>	2 x USB 2.0 (internal) 4 x USB 3.0 (rear I/O)
<b>SMBus</b>	N/A
<b>Digital I/O</b>	8 channels Programmable 4 x channels IN & 4 x channels OUT



▲ Side view

### Display

<b>Chipset</b>	Intel® HD 4000/ 5000 Graphics
<b>Memory Size</b>	Shared Memory
<b>Display Interface</b>	1x HDMI (Intel C226) 1 x VGA 1x DP 1 x LVDS 24-bit single channel

### Packing List

Standard
Quick installation guide, user's manual/utility CD, cable

### Ordering Information

<b>XEB-066-MF16DC-2G</b>	Intel® Celeron® N3160 mini-ITX SBC with VGA/HDMI/LVDS, dual GbE, LANs 6 COM, USB 3.0, PCIe x1, mSATA, PCI Express Mini Card and HD audio
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