



# EmQ-i2200



## Intel® Celeron Processor N3160 Qseven® R2.0 CPU Module



### Features

- **Fanless Design**
- Soldered Onboard Intel® Celeron Processor N3160
- Integrated Gigabit Ethernet
- Dual Channels 24-bit LVDS, 1 x DisplayPort / HDMI selectable port
- **Extended Operating Temp.: -20 ~ 70°C**

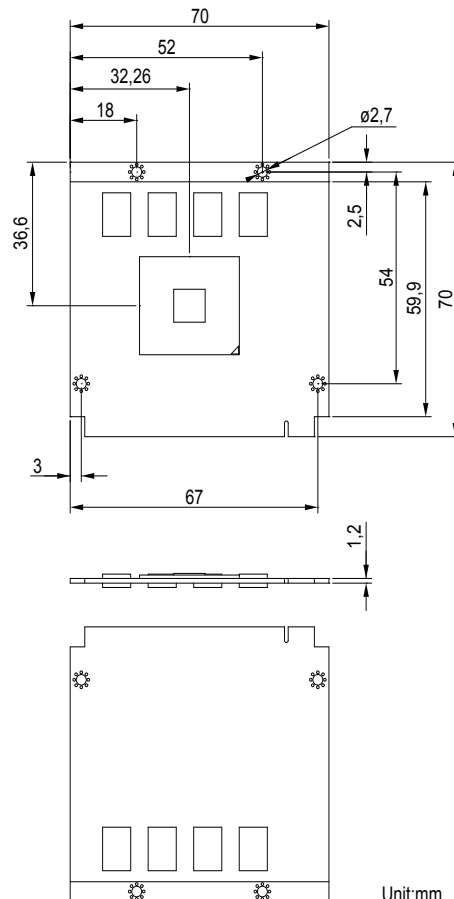
### System

Processor	Soldered onboard Intel® Celeron Processor N3160
Memory	Soldered onboard 4GB DDR3L SDRAM
BIOS	AMI BIOS
<b>I/O</b>	
Serial Port	1 x UART port
USB 2.0	4 x USB 2.0 ports 2 x SuperSpeed ports
Serial ATA	2 x Serial ATA ports with 600MB/s HDD transfer rate
Expansion	3 x PCIe x1, SDIO, I2C
Ethernet Chipset	1 x Intel® i210AT PCIe GbE controller
Audio	HD Link
<b>Display</b>	
Graphics Chipset	Integrated Intel® HD Graphic 400
Graphics Interface	LCD: Dual Channel 24-bit LVDS, with resolution up to 2048x1536 1 x DisplayPort / HDMI selectable port
<b>OS Support</b>	
Windows 8.1 64-bit	
Linux: Ubuntu	

### Mechanical & Environmental

Power Requirement	DC 5V
Power Consumption	2A@5V with N3160 (Normal)
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% @ 70°C (non-condensing)
Dimension (L x W)	70 x 70 mm (2.76" x 2.76")

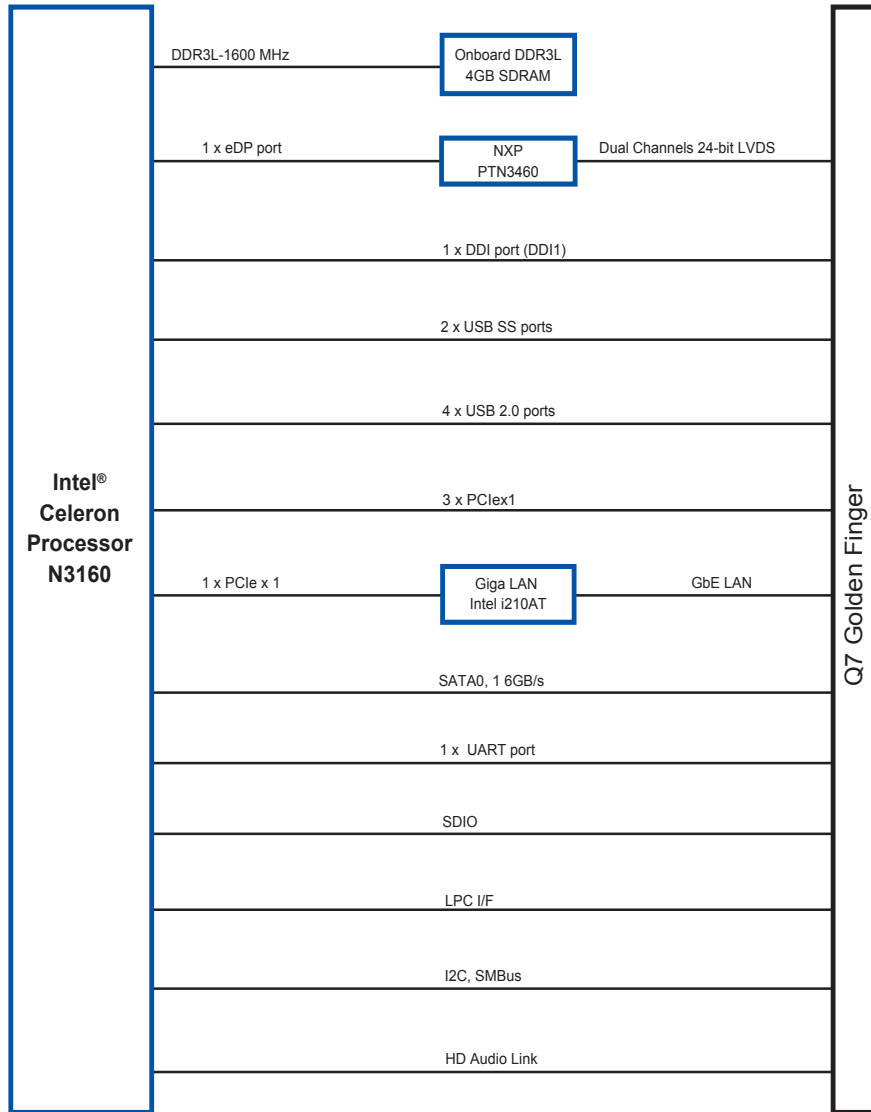
### Dimensions



Computer On Module



**Block Diagram**



**Ordering Information**

EmQ-i2200-N3160-4G Intel® Celeron N3160 Quad Core Qseven® R2.0 CPU Module w/4GB memory soldered on module

**Optional Accessories**

HS-2200-F1	Heat spreader
HS-0000-W3	Universal evaluation Heatsink for Qseven CPU module
PBQ-900L	Qseven R2.0 w/ EPIC form factor Carrier Board
CBK-06-900L-00	Cable kit
	1 x USB cable
	2 x COM cables
	1 x SATA cable
	1 x SATA power cable
	1 x AUDIO cable

## Assured Systems

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### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660