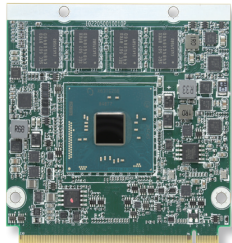
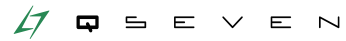




EmQ-i2205

Intel® Qseven® R2.0 CPU Module



Features

- **Fanless Design**
- Soldered Onboard Intel® Celeron N3000 family SoC processor
- Integrated Gigabit Ethernet
- 2 x DisplayPorts / 1 x eDP port
- Extended Operating Temp.: -20 ~ 70°C

System

Processor	Soldered onboard Intel® Celeron N3060 2.48GHz processor/N3160 2.24GHz processor
Memory	Soldered onboard 2GB DDR3L SDRAM, upgradable to 4GB
BIOS	AMI BIOS

I/O

Serial Port	1 x UART port(TX/RX only)
USB 2.0	4 x USB 2.0 ports 2 x USB3.0 SuperSpeed ports
Serial ATA	2 x Serial ATA ports with 600MB/s HDD transfer rate
Expansion	3 x PCIe1, I2C, SDIO
Ethernet Chipset	1 x Intel® i210AT PCIe GbE controller
Audio	HD Link

Display

Graphics Chipset	Integrated Intel® HD Graphic 400
Graphics Interface	2 x DisplayPorts / 1 x eDP port

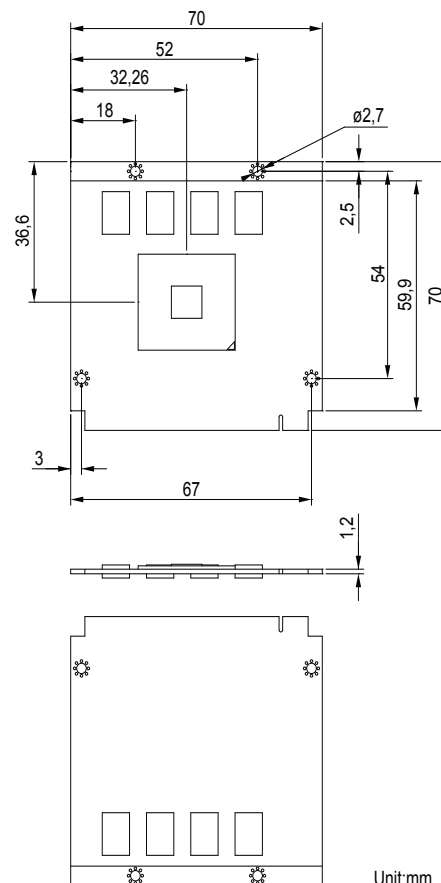
OS Support

Windows 8.1 64-bit
Linux: Ubuntu

Mechanical & Environmental

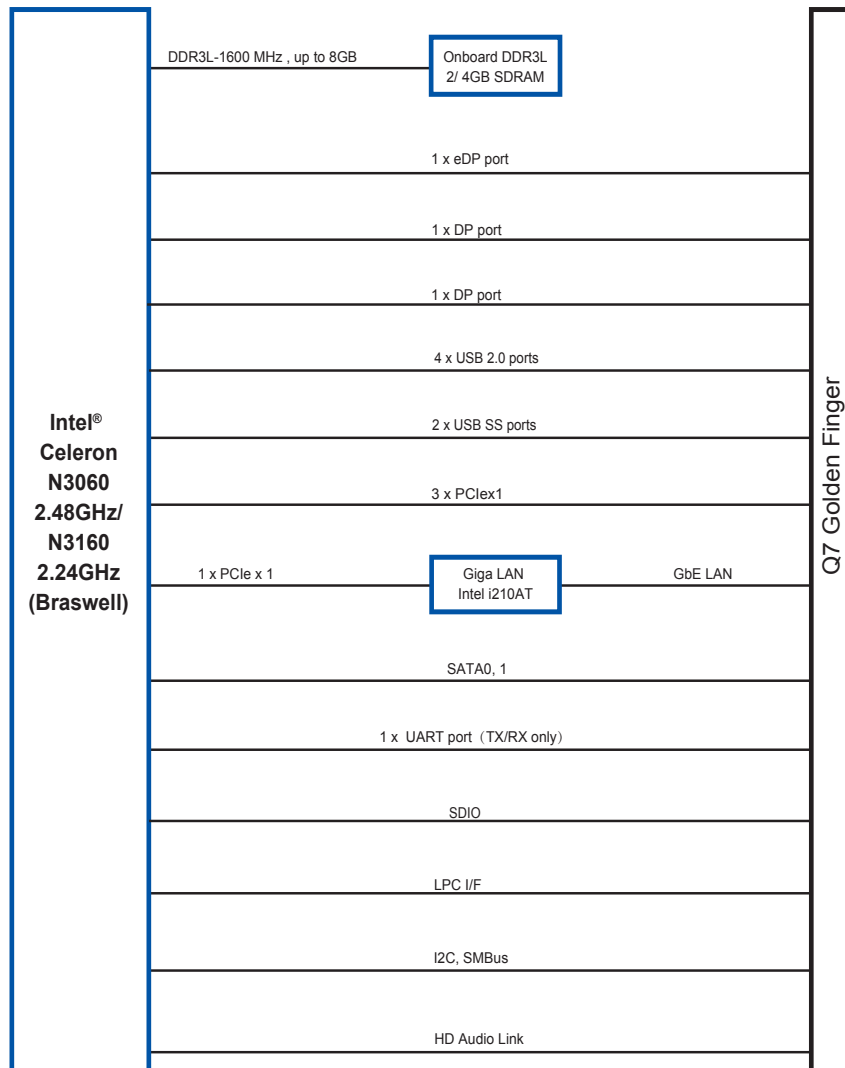
Power Requirement	DC 5V
Power Consumption	2.0A@5V with N3060
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% @ 70°C (non-condensing)
Dimension (L x W)	70 x 70 mm (2.76" x 2.76")

Dimensions





Block Diagram



Ordering Information

EmQ-i2205-N3060-2G	Intel® Celeron N3060 Qseven® R2.0 CPU Module w/2GB memory soldered on module
EmQ-i2205-N3160-4G	Intel® Celeron N3160 Qseven® R2.0 CPU Module w/4GB memory soldered on module

Optional Accessories

HS-2200-F1	Heat spreader, 70x65x8mm
PBQ-3001	Qseven R2.0 w/ EPIC form factor Carrier Board
CBK-04-3001-00	Cable kit 2 x COM Cables 1 x SATA Cable 1 x SATA Power Cable

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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