

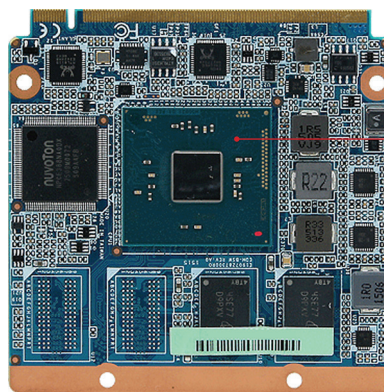
EQM-BSW

QSeven Module

Intel® Pentium® and Celeron® N3000 Series SoC Processors Qseven Module

Features

- Dual/Quad Core Intel® Pentium® or Celeron® Processor N3000 Series SoC
- Onboard DDR3L 1600, up to 8GB
- Realtek RTL8119 Giga Ethernet
- 5 x USB 2.0, 1 x USB 3.0, 3 PCIe x1
- Dual Channel 24-bit LVDS + HDMI
- 2 x SATA, Onboard eMMC up to 32GB (Optional)
- Fanless Operation
- Standard Temperature: 0 ~ 60°C



Dual, quad-core Intel® Pentium® or Celeron® Processor N3000 Series SoC

Specifications

System

| | |
|-----------------------|--|
| CPU | Intel® Pentium® N3700 4-Core Processor 2.4 GHz (Max Speed) Intel® Celeron® N3050 2-Core Processor 2.16 GHz (Max Speed) Intel® Celeron® N3000 2-Core Processor 2.08 GHz (Max Speed) |
| BIOS | Insyde UEFI 64M SPI BIOS |
| System Chipset | Intel® SoC |
| System Memory | Onboard DDR3L 1600, up to 8GB |
| Expansion | Qseven Spec 2.0 Connector for Expansions |

Display

| | |
|-------------------------|--|
| Chipset | Intel® Celeron® SoC Integrated |
| Resolution | HDMI Mode: 1920 x 1200 @ 60Hz LVDS Mode: 1920 x 1080 @ 60Hz |
| Multiple Display | HDMI + LVDS to Baseboard |
| LCD Interface | Dual-channel 24-bit LVDS (CH7511) |

I/O

| | |
|--------------|---|
| MIO | 3 PCIe x1 Supported, 2 x SATA Ports to Baseboard |
| USB | 5 x USB 2.0 (One is option to USB convert CAN) and 1 x USB 3.0 to baseboard |
| DIO | SDIO Supported |
| Other | LPC, SMBus, I2C, UART (TX, RX), CAN Bus (optional) |

Audio

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|------------------------|--------------------------------|
| HD Codec | Intel® Celeron® SoC Integrated |
| Audio Interface | Intel® High Definition Audio |

Ethernet

| | |
|--------------|----------------------------------|
| LAN 1 | Realtek RTL8119 Gigabit Ethernet |
|--------------|----------------------------------|

Mechanical & Environment

| | |
|---------------------------|---|
| Power Requirement | +5V |
| ACPI | Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant |
| Power Type | QSeven Power Spec |
| Operating Temp. | Standard: 0 ~ 60°C |
| Storage Temp. | -20 ~ 75°C |
| Operating Humidity | 0% ~ 90% Relative Humidity, Non-condensing |
| Form Factor | QSeven Module |
| Dimensions | 2.75" x 2.75" (70mm x 70mm) |

* All product specifications and images are subject to change without notice.
Last update: 9/29/2017