

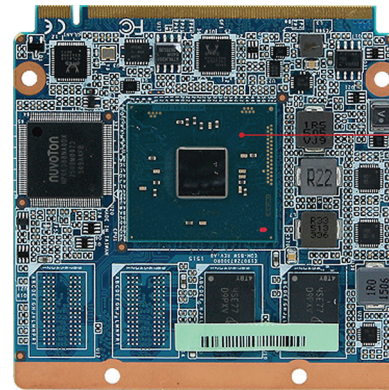
EQM-BSW

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	Dual or quad-core Intel® Pentium®, Celeron® N3000 SoC Processor Intel® Pentium® N3700 1.6GHz SoC Processor Intel® Celeron® N3050 1.6GHz SoC Processor Intel® Celeron® N3000 1.04GHz SoC Processor
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BIOS	Insyde UEFI 64M SPI BIOS
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System Chipset	Intel® SoC
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System Memory	Onboard DDR3L 1600, up to 8GB
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Expansion	Qseven Spec 2.0 Connector for Expansions
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Display

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

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

HD Codec	Intel® Celeron® SoC Integrated
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Audio Interface	Intel® High Definition Audio
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Ethernet

LAN 1	Realtek RTL8119 Gigabit Ethernet
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Mechanical & Environment

Power Requirement	+5V
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ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
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Power Type	QSeven Power Spec
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Operating Temp.	Standard: 0 ~ 60°C
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Storage Temp.	-20 ~ 75°C
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Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
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Form Factor	QSeven Module
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Dimensions	2.75" x 2.75" (70mm x 70mm)
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* All product specifications and images are subject to change without notice.
Last update: 4/21/2017