



## EQM-BYT

Intel® Atom™ SoC processor E3845 Qseven Module

- > Onboard Intel® Atom™ SoC E3845 BGA processor
- > Onboard DDR3L 1066/1333, Up to 4GB
- > Intel® I211AT Gigabit Ethernet
- > 5 USB 2.0, 1 USB 3.0, 3 PCIe1
- > Dual Channel 24-bit LVDS + HDMI
- > 2 SATA (1 is Option If has SSD), 1 SSD (Option)
- > Fanless Operation
- > Standard Temperature: 0 ~ 60°C

### Spec

-System Information-	
<b>Processor</b>	Intel®Atom™ E3845 4-Core 1.91GHz processor Intel®Atom™ E3825 2-Core 1.33GHz processor Intel®Atom™ E3815 1-Core 1.46GHz processor
<b>System Memory</b>	Onboard DDR3L 2GBup to 4 GB Processor E3845 only support 1333MHz
<b>BIOS Information</b>	AMI 64Mbit SPI BIOS
Expansion	
<b>Expansion</b>	3 x PCIe1
I/O	
<b>USB Port</b>	5 x USB 2.0 1 x USB 3.0
<b>COM Port</b>	1 x UART
<b>SATA</b>	2 x SATA II
<b>MIO</b>	1 x LPC 1 x SMBus 1 x I2C
Display	
<b>Graphic Chipset</b>	Intel®Valleyview SoC integrated Graphics
<b>Spec. &amp; Resolution</b>	HDMI:Max. resolution 1920x1200@ 60Hz LVDS:Max. resolution 1920x1080@ 60Hz
<b>Multiple Display</b>	HDMI+DDI
<b>LVDS</b>	CH7511B(eDP to LVDS)
Audio	
<b>Audio Codec</b>	Intel®Valleyview SoC integrated
<b>Audio Interface</b>	Intel®High Definition Audio
Certifications	
<b>Certification Information</b>	CE FCC Class B
Ethernet	
<b>LAN Chipset</b>	1 x Intel®I211AT
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 60°C (32°F ~ 140°F) (Standard)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Power Requirement</b>	+5V
<b>ACPI</b>	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
<b>Power Mode</b>	AT
<b>Dimension (L x W)</b>	2.8" x 2.8" (70mm x 70mm)
Software Support	
<b>OS Information</b>	Win 7 / Win 8 / Linux / Android

## 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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