



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
- > Extended Temperature: -40°C ~ +85°C

+ Spec

System	
Processor	Intel®Atom™ E3845 4-Core 1.91GHz processor Intel®Atom™ E3825 2-Core 1.33GHz processor Intel®Atom™ E3815 1-Core 1.46GHz processor
System Memory	Onboard DDR3L 2GB up to 4 GB Processor E3845 only support 1333MHz
BIOS	AMI 64Mbit SPI BIOS
Expansion	
Expansion	3 x PCIe1
I/O	
USB	5 x USB 2.0 1 x USB 3.0
SATA	2 x SATA II
COM Port	1 x UART
MIO	1 x LPC 1 x SMBus 1 x I2C
Display	
Chipset	Intel®Valleyview SoC integrated Graphics
Resolution	HDMI:Max. resolution 1920x1200@ 60Hz LVDS:Max. resolution 1920x1080@ 60Hz
LVDS	CH7511B(eDP to LVDS)
Multiple Display	HDMI+DDI
Audio	
Chipset	Intel®Valleyview SoC integrated
Audio Interface	Intel®High Definition Audio
Ethernet	
Chipset	1 x Intel®I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
Mechanical & Environmental	
Power Requirement	+5V
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
Power Type	AT
Operating Temp	0°C ~ 60°C (32°F ~ 140°F) (Standard) -40°C ~ 85°C (-40°F ~ 185°F) (Extended)
Storage Temp	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	2.8" x 2.8" (70mm x 70mm)
Certifications	
Certification Information	CE FCC Class B
Software Support	
OS Information	Win 7 / Win 8 / Linux / Android



+ Ordering

EQM-BYT-E25-A1R
Intel ATOM E3825 Q7/2G DDR3L

EQM-BYT-E15-A1R
Intel ATOM E3815 Q7/2G DDR3L

