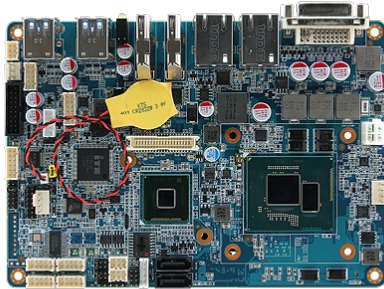




## EPI-BDW

### 5th Gen Intel® Core™ Processor i7 EPIC Module with Intel® QM87 Chipset



- > Onboard 5th Gen Intel® Core™ i7 BGA Processor
- > One 204-pin DDR3L SODIMM Up to 8GB DDR3 1333/ 1600 SDRAM
- > Triple Independent Display
- > 18/24-bit Dual-channel LVDS, 1 DVI, 2 HDMI
- > Dual Gigabit Ethernet, HD Audio
- > 2 SATA III, 1 Mini PCIe, 6 USB 3.0, 2 USB 2.0, 4 COM, 8-bit GPIO
- > Supports mSATA, TPM 1.2 Function
- > iAMT 9.0

#### + Spec

System	
<b>Processor</b>	5th Gen Intel® Core™ i7-5850EQ 4-Core 2.7GHz processor 5th Gen Intel® Core™ i7-5700EQ, 4-Core, 2.6GHz processor
<b>System Chipset</b>	Intel® QM87 Express Chipset
<b>System Memory</b>	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB or 1 x 204-Pin DDR3L 1600MHz SO-DIMM up to 8 GB
<b>I/O Chip</b>	EC ITE IT8518E
<b>BIOS</b>	AMI uEFI BIOS, 128Mbit SPI Flash ROM
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec
<b>H/W Status Monitor</b>	Monitoring SYSTEM Temperature and Voltage with Auto Throttling Control
Expansion	
<b>Expansion</b>	1 x Mini PCIe Supports mSATA
Storage	
<b>Storage</b>	1 x mSATA Supported from Mini PCIe
Touch Screen	
<b>Built-in Touch controller(optional)</b>	Chipset: PenMount 6000 Touch Screen Interface: With 9-pin 2.0mm Box Header (Can be Selected to Support 4/5/8-wire Touch Screen)
I/O	
<b>USB</b>	2 x USB 2.0 6 x USB 3.0
<b>SATA</b>	2 x SATA III
<b>Com Port</b>	2 x RS-232/422/485 2 x RS-232
<b>DIO</b>	1 x 8bit GPIO
<b>MIO</b>	1 x LPC 1 x PS2/ KB & MS 1 x SPI 1 x IrDA
Display	
<b>Chipset</b>	Intel® Valleyview SoC integrated Graphics Supports triple display
<b>Resolution</b>	DVI-I: Max. resolution 1920x1200@ 60Hz HDMI: Max. resolution 3840x2160@ 24Hz LVDS: Max. resolution 1920x1080@ 60Hz Dual HDMI + LVDS/HDMI + LVDS + DVI or Dual HDMI + CRT/HDMI + LVDS + CRT Dual-channel 18/ 24-bit LVDS, One DVI Port Co-lay with VGA
Audio	
<b>Chipset</b>	Realtek ALC892 Supports 5.1-CH
<b>Audio Interface</b>	Mic-In, Line-In and Line-Out
Ethernet	
<b>Chipset</b>	1 x Intel® I210AT 1 x Intel® I217LM
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>Lan Port</b>	2 x RJ-45
Mechanical & Environmental	
<b>Power Requirement</b>	+12V ~ +19V
<b>ACPI</b>	Single Power ATX Supports S0, S3, S4, S5 ACPI 3.0 Compliant
<b>Power Type</b>	AT/ATX



<b>Operating Temp</b>	0°C ~ 60°C (32°F ~ 140°F)
<b>Storage Temp</b>	-40°C ~ 75°C (-40°F ~ 167°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (L x W)</b>	4.5" x 6.5" (115mm x 165mm)
<b>Weight</b>	0.4lbs (0.18kg)
<b>Certifications</b>	
<b>Certification Information</b>	CE FCC Class A
<b>Software Support</b>	
<b>OS Information</b>	Win 8 Win 7 Linux

**+ Ordering**

EPI-BDW  
5th Gen Intel® Core™ Processor i7 EPIC Module with Intel® QM87 Chipset

SSD  
Intel® SSD 535 Series (56GB, 120GB, 180GB, 240GB)