



### Features

- 3.5" SBC Form Factor
- Accept Avalue and Others Qseven Compatible CPU Modules
- HDMI, LVDS, SDVO
- Audio Interface
- 1 Mini PCIe with SIM Card Socket
- 2 SATA, 2 COM, 6 USB, 16-bit GPIO
- SD Socket



### Specifications

#### System

• <b>Form Factor</b>	3.5" SBC
• <b>CPU</b>	Qseven 1.2 CPU Module Socket: Supports Avalue EQM-CDV and Future New Qseven CPU Modules
• <b>BIOS</b>	Carrier Board BIOS SPI ROM (Enable/ Disable by 2-pin Jumper)
• <b>I/O Chip</b>	Winbond W83627HG-AW
• <b>SSD</b>	1 SD Socket Support Boot from SD (SDIO 1.1, Only When CPU Module Can Support)
• <b>Expansion</b>	1 Mini PCIe with SIM Card Socket

#### I/O

• <b>MIO</b>	2 x SATA, 1 x RS-232, 1 x RS-232, 1 x K/B, 1 x Mouse
• <b>USB</b>	6 USB (2 Double Deck USB Supports 4 USB. One 5 x 2 Header Supports Additional 2 USB)
• <b>IrDA</b>	One 5-pin x 1, Pitch 2.00mm Pin Header
• <b>DIO</b>	16-bit GPIO
• <b>External I/O Connector</b>	COM 1(DB-9), HDMI, Two Dual Deck USB Ports, 1 x RJ-45, Power Connector: One Power Jack Connector
• <b>LVDS Connector</b>	One 20-pin x 2, Pitch 2.54mm Pin Header
• <b>Fan Connector</b>	Two 3-pin x 1, Pitch 2.54mm Pin Header
• <b>Power Connector</b>	One Pitch 2.5mm DC Power Jack

#### Audio

• <b>HD Codec</b>	Realtek ALC892 Supports 5.1-CH Audio
• <b>Audio Interface</b>	Line-in, Mic-in, Line-out, CD Audio-in

#### Mechanical & Environmental

• <b>Power Input</b>	+12V DC-in
• <b>Power Type</b>	AT/ ATX
• <b>Operating Temperature</b>	0 ~ 60°C (32 ~ 140°F)
• <b>Storage Temperature</b>	-20 ~ 80°C (-4 ~ 167°F)
• <b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
• <b>Size (L x W)</b>	5.7" x 4" (146mm x 101mm)
• <b>Weight</b>	0.265lbs (0.12kg)

- 1 Embedded System
- 2 Qseven Module
- 3 ETX/XTX COM Express
- 4 3.5" SBC
- 5 EPIC
- 6 5.25" SBC
- 7 ATX
- 8 Micro ATX
- 9 Mini ITX
- 10 Nano ITX
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### Ordering Information

- **EEV-Q701**  
3.5" Qseven Carrier Board