



FEATURES

- Qseven carrier board accept Portwell Qseven modules
- Intel® Atom™ Z5XX and SCH US15W
- Mini-ITX form factor for embedded applications
- Dual PCI interface Gigabit Ethernet ports
- One IDE channel and Two SATA 150 Ports
- One PCI and PCIe x1 expansion slot via riser card

GENERAL

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|---------------------|--|
| Qseven Module | Portwell Qseven module PQ7-M100 Series |
| BIOS | Award BIOS (or BIOS on Qseven Module) |
| Storage Devices | IDE x1, SATA x2 |
| Solid State Disk | One SD socket |
| Watchdog Timer | Programmable via software from 0.5 sec. to 254.5 min. |
| Expansion Interface | - One mini-PCI connector - One PCI expansion connector - One PCIe x1 expansion connector by riser card |
| Hardware Monitoring | CPU temperature |
| Dimension | Dimension : 170(L) x 170(W) mm; 6.69"(L) x 6.69" (W) |
| Environment | Operating Temperature: 0 to 60°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing |

I/O

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|------------------|---|
| MIO | RS232 x1, RS232/422/485 selectable x1, LPT x1, K/B x1, Mouse x1, GbE x2 |
| IrDA | N/A |
| Ethernet | IEEE802.3 10/100/1000BASE-T Gigabit Ethernet compliant |
| Audio | Mic in, Line in, Line out |
| USB | USB 2.0 x 4 ports and USB 2.0 x2 with header |
| Keyboard & Mouse | PS/2 Keyboard & Mouse |

ORDERING GUIDE

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|-----------------|---|
| Standard | PQ7-C200 Qseven Module in Mini-ITX Form Factor Carrier Board with Dual Displays and Two GbE |
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DISPLAY

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|--------------------|------------------|
| Graphic Controller | Intel® US15W SCH |
| Graphic Memory | Intel® GMA 500 |
| Display Interface | LVDS / VGA |