



FEATURES

- Qseven carrier board accept Portwell Qseven modules
- Intel® Atom™ Z5XXPT and SCH US15WPT
- 3.5" ESB form factor to embedded applications
- On Board DC to DC circuit for DC in application
- Mini-PCIe support
- Support boot from SD(SDIO 1.1)

GENERAL

Qseven module	Portwell Qseven module PQ7-M102XL Series
BIOS	AMI BIOS (or BIOS on Qseven Module)
Storage Devices	SATA x 2
Solid State Disk	One SD socket (Support boot from SD)
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Expansion Interface	One mini-PCIe connector
Dimension	Dimension : 146(L) x 105(W) mm; 5.75"(L) x 4.13" (W)
Environment	Operating Temperature: -40 to 80°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing

ORDERING GUIDE

Standard	PQ7-C100XL Qseven Module in 3.5" ESB Form Factor Carrier Board with Wide range temperature Support
-----------------	---

I/O

MIO	RS232 x1, RS232/RS422/RS485 Selectable x1, Client USB x1, MIC-in /Line-out
IrDA	Yes
Ethernet	IEEE802.3 10/100/1000BASE-T Gigabit Ethernet compliant
Audio	Mic in, Line out
USB	USB 2.0 x7
Keyboard & Mouse	N/A

DISPLAY

Graphic Controller	Intel® US15WPT SCH
Graphic Memory	Intel® GMA 500
Display Interface	LVDS / VGA



Portwell, Inc. (Headquarters)
 4F, No. 186, Jian-Yi Rd., Chung-Ho City,
 235 Taipei, Taiwan
 Tel: +886-2-77318888
 Fax: +886-2-82271109
 E-mail: info@portwell.com.tw
 http://www.portwell.com.tw

American Portwell
 Fremont CA Tel: +1-510-403-3399
 Norcross GA Tel: +1-678-969-9808
 E-mail: info@portwell.com
 http://www.portwell.com

Portwell Japan, Inc.
 Tokyo Tel: +81-3-5298-8071
 Osaka Tel: +81-3-4807-7721
 E-mail: info@portwell.co.jp
 http://www.portwell.co.jp

Beijing Portwell
 Beijing Tel: +86-10-82701616
 Shanghai Tel: +86-21-3222-0505
 Shenzhen Tel: +86-755-8621-7699
 E-mail: info@portwell.com.cn
 http://www.portwell.com.cn

Portwell-Laxsons India
 Tel: +91-22-2685-9911
 E-mail: info@portwellaxsons.com
 http://www.portwellaxsons.com

Portwell, B.V.
 Tel: +31-252-620790
 E-mail: info@portwell.nl
 http://www.portwell.nl

Portwell (UK) Ltd.
 Tel: +44(0)1235-750760
 E-mail: info@portwell.co.uk
 http://www.portwell.co.uk