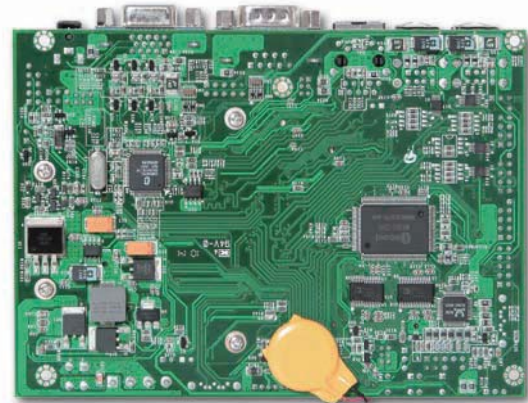
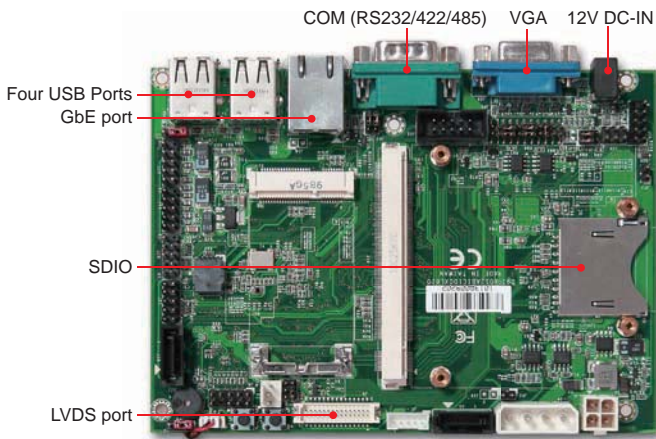


# PQ7-C100XL

3.5" ESB Form Factor Carrier Board For Qseven Module



Portwell PCOM-C100XL is designed with Q7 230pin card edge MXM connector, suitable for initial evaluation testing in PCI-E, Mini PCI-E, VGA/LVDS, SATA, LAN, AUDIO, SDIO, LPC etc. interfaces before developing your own application focused customized carrier board.

## FEATURES

- Qseven carrier board accept Portwell Qseven modules
- 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)

## ORDERING GUIDE

AB1-3326	PQ7-C100XL 3.5" QSEVEN Carrier Board
AB1-3667	PQ7-C100XL-CAN 3.5" QSEVEN Carrier Board with CAN Bus

## GENERAL

Qseven Module	- Portwell PQ7 series Module - Qseven Revision 1.0
BIOS	- AMI Aptio/Core8 BIOS - Award Legacy BIOS - Phoenix SCT2 BIOS - Default support BIOS on Qseven Module
Storage Devices	- 2x SATA ports up to 3.0 Gb/s - 1x Secure Digital I/O(SDIO) x1 with Revision 1.1
Watchdog Timer	- Programmable via S/W from 1sec to 255
Expansion Interface	- 1x Mini-PCI Express for Mini Card Revision 1.0 - 1x CAN Bus port (supported by PQ7-C100XL-CAN only)
Hardware Monitors	- Winbond 83627DHG, Voltage, Fan and Temperature
Power Requirement	- Typical: 12V DC-IN
Dimension	146mm(L) x 105mm(W), 5.75"(L) x 4.13"(W), PCB: 4 layers
Environment	- Operation Temperature: -40~85 °C - Storage Temperature: -40~85 °C - Relative Humidity: 5~90%

## DISPLAY

Graphic Controller	Depend on selected PQ7 module
Graphic Memory	Depend on selected PQ7 module
Display Interface	Support VGA, LVDS interfaces

## REAR I/O

