

PQ7-C100ARM



Besides original Q7 feature, Q7 Plus function with extra 80-pin enables customers to enhance expansion possibility..



Mini-ITX Form Factor Carrier Board for Qseven Module with GbE, HDMI, VGA and dual LVDSe

Portwell's PQ7-C100ARM carrier board is designed with Qseven 230 pins card edge MXM connector, suitable for initial evaluation testing of PQ7-M640F. It can help save valuable customers' precious development time to market because the following effort has been made by Portwell.



- Porting Ready as Development Kit to Serve Prior Evaluation Purpose
 - OS (Linux 3.x / Android 4.x)
 - BSP Ready
 - Middleware Qt5 Ready
- Saving Development Time at least 6~8 weeks

FEATURES

- Mini-ITX form factor for embedded applications
- Plus with extra 80-pin on PQ7-C100ARM for expansion purpose: 3x UART, 2x I2C, 1x Keypad, 1x CAN bus, interfaces of 1x RGB parallel LCD, 1x MIPI-DSI, 2x MIPI-CSI for camera, 1x SPDIF, and PWM.

ORDERING GUIDE

AB9-3243Z

PQ7-C100ARM, Mini-ITX, Qseven Carrier Board





QSeven+

MIPI CSI/ DSI

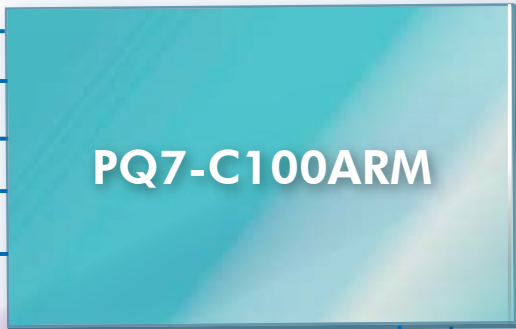
Camera Parallel

JTAG

I²C

SPDIF

LCD 24-bit



PQ7-C100ARM

**MXM Conector
Gold Finger**

RGMII

GPIO

USB OTG (2.0)

PCI EXPRESS PCIe x1

SATA II x1

SDIO x2

NanD Flash

HDMI x1

UART x1

LVDS x2

CANbus X1