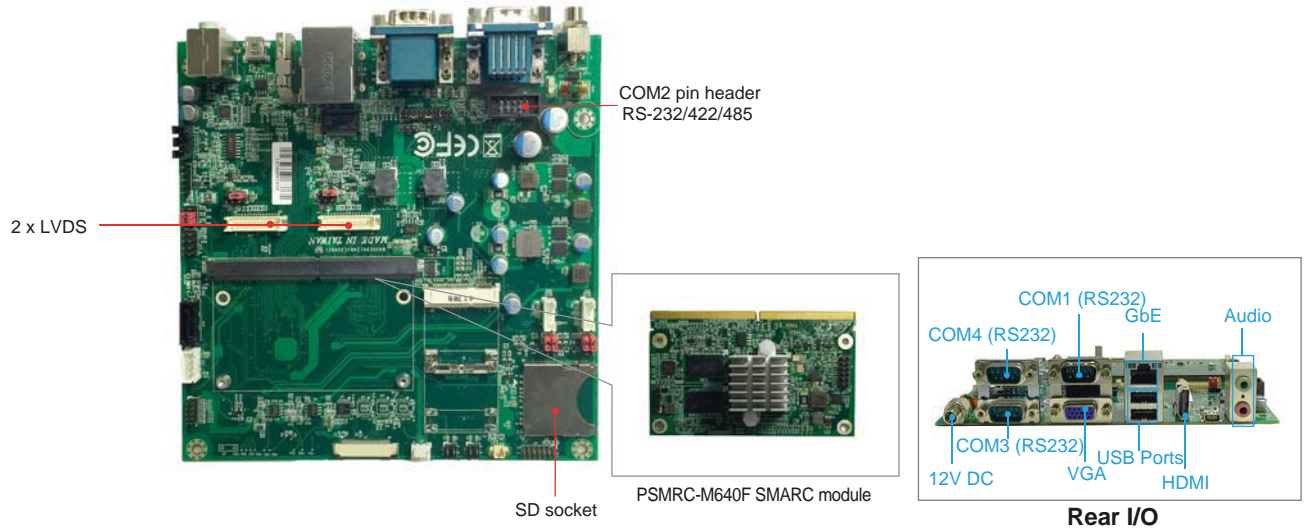




# PSMRC-C300ARM

## Mini-ITX Form Factor Carrier Board For SMARC Module with Dual Displays and One GbE



Portwell's PSMRC-C300ARM carrier board is designed with SMARC 314 pins card edge MXM connector, suitable for initial evaluation testing of PSMRCM640F and PSMRC-M310T. It can help save valuable customers' precious development time to market because the following effort has been made by Portwell.

### FEATURES

- Mini-ITX form factor for embedded applications
- Multiple Display interfaces
- MIPI (DSI, CSI) interface for camera is reserved

### ORDERING GUIDE

<b>Standard</b>	AB9-XXXXZ PSMRC-C300ARM, Mini-ITX, SMARC Carrier Board
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### GENERAL

Qseven module	Support Portwell SMARC module PSMRC-M640F Series
Storage Devices	SATA x1 SD socket x1
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Expansion	- One mini-PCIe socket
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 60°C

### I/O

Ethernet	IEEE802.3 10/100/1000BASE-T Gigabit Ethernet compliant
Audio	Mic in, Line out
USB	1 x Micro USB connector for OTG 4 x USB 2.0 (2 ports + 2 pin header)
CAN BUS	2 x CAN BUS pin header
UART	3 x DB9 for COM Ports 1 x Pin header for COM2

### DISPLAY

Display Interface	1 x VGA connector 1 x HDMI connector 2 x LVDS connector
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### American Portwell

Fremont CA Tel: +1-510-403-3399  
E-mail: info@portwell.com  
http: //www.portwell.com