



Portwell PCOM-C211 is designed with COM Express Type VI interface, suitable for initial evaluation testing in PCI-E, PEG/SDVO, HDMI, DVI, LVDS, DP, SATA, LAN, AUDIO etc. interfaces before developing your own application focused customized carrier board.

## FEATURES

- COM Express carrier board accepts Portwell Type VI COM Express modules
- Micro-ATX form factor to meet most standard mounting space and provide more expansions displays
- On-board power and reset switches benefit engineering testing or evaluation without a chassis
- One DVI-I, one HDMI, one Display Port, three PCI-E x1 and one PCI-E x16
- Allow user to select master BIOS on board or from CPU module

## ORDERING GUIDE

<b>AB1-3339</b>	PCOM-C211 Type VI Micro ATX Evaluation Carrier Board
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## GENERAL

Com Express Module	- Portwell Type VI COM Express Module - PICMG® COM.0 Revision 1.0/2.0
BIOS	- AMI Aptio/Core8 BIOS - Award Legacy BIOS - Phoenix SCT2 BIOS - Support BIOS on COM Express Module
Storage Devices	- 3x SATA ports up to 6.0 Gb/s - 1x eSATA ports up to 3.0 Gb/s - 1x CF up to CF 4.0 UDMA mode 5 (100MB/s)
Watchdog Timer	- Programmable via S/W from 1sec to 255min
Expansion Interface	- 1x PCI Expressx16 Gen2 up to 5.0 GT/s;per lane 32 GB/s (256 Gbit/s)(base on PCI-SIG PCI Express 3.0 specification) - 3x PCI Expressx1 up to Gen2 (5.0 GT/s) - 1x Mini-PCI Express for PCI Express Mini Card Revision 1.0
Hardware Monitors	- Monitor voltage, fan and temperature by ITE IT8721F
Power Requirement	- ATX Version 1.0
Dimension	243.8mm(L) x 243.8mm(W), 9.6"(L) x9.6"(W), PCB: 4 layers
Environment	- Operation Temperature: 0~60 °C - Storage Temperature: -20~80 °C - Relative Humidity: 5~90%"

## DISPLAY

Graphic Controller	Depend on selected PCOM module
Graphic Memory	Depend on selected PCOM module
Display Interface	Support Display Port, HDMI, DVI-I, and LVDS interfaces with dual display capability.

## REAR I/O

