



Rear I/O

FEATURES

- COM Express carrier board accepts Portwell Type II COM Express modules
- ATX form factor to meet most standard mounting space and provide more expansions slots
- On-board power and reset switches benefits engineering testing or evaluate without a chassis
- 2 EIDE, 4 SATA, 4 PCI, 6 PCI-E x1 and 1 PCI-E x16
- Allow user to select master BIOS on board or from CPU module

GENERAL

Com Express Module	Type II COM Express Module PCOM-B210VG or PCOM-B211VG
BIOS	Award BIOS (or BIOS on COM Express Module)
Storage Devices	EIDE: Two EIDE devices with Ultra DMA 100/66/33 SATA: Four SATA ports
Solid State Disk	One Type II CF socket
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Expansion Interface	Four PCI, six PCI Express x1 and one PCI Express x16 expansion slots (availability based on COM Express module)
Dimension	Dimension : 304.8(L) x 243.8(W) mm; 12"(L) x 9.6" (W) PCB: 10-layer
Environment	Operating Temperature: 0 to 60°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing

ORDERING GUIDE

Standard	PCOM-C210 ATX Form Factor Evaluation Board For COM Express Type II Module
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I/O

MIO	One serial port, one FDD channel and one parallel port
IrDA	N/A
Ethernet	- Single 10BASE-T/100BASE-TX/1000BASE Ethernet - Single RJ-45 connector with two LED indicators at rear I/O panel
Audio	High Definition Audio
USB	Six USB ports (dual ports at rear I/O panel; four ports internal)
Keyboard & Mouse	PS/2 keyboard & mouse

DISPLAY

Graphic Controller	Intel® 915GM integrated GMA 900 for PCOM-B210; 945GM integrated GMA 950 for PCOM-B211
Graphic Memory	DVMT 3.0 share system memory up to 128MB
Display Interface	Support VGA, LVDS interfaces with dual display capability