

PCOM-B701



Portwell PCOM-B701 is designed with Intel® new Atom™ processor with brand new Type 7 pin definition. It's built in with 10GbE Ethernet KR interface and DDR4 ECC SO-Dimm support which provide high CPU computing, excellent Ethernet performance. Extend PCIe Gen3 ports in PCOM-B701 can support high speed IO card for more applications. In the meantime, it's compatible with Type 6 carrier.

FEATURES

- New Type 7 Specification with new server platform
- Support DDR4-2133 ECC/Non-ECC SDRAM on Three SO-DIMM Sockets, up to 48GB
- Four 10GbE and One GbE Interfaces
- 4x USB 3.0/2.0, 2x SATA III, 12x PCIe x1 Gen 2.0, 1x PCIe x8 Gen 3.0
- Wide-Temp (-40°C to +85°C) Support on Selected SKUs

ORDERING GUIDE

TBD	PCOM-B701.TYPE VII. Basic Form Factor.COM Express Module. New server platform/PCH
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GENERAL

Form Factor (mm)	Basic (125 x 95mm)
Type	Type 7
CPU/Clock/Cache	Intel® Atom™ Processor (new server pla. orm) New server platform, up to 16 CPU Cores, 7-35W
Chipset	SoC
Memory	DDR4 ECC/Non-ECC SDRAM, three so-dimms
USB	4 x USB3.0/2.0
PCI Express	1 x PCIe x8 12 x PCIe x1
Ethernet	Intel® I210IT 4 x KR(10GbE)

I/O INTERFACE

Audio	N/A
Graphic Controller	N/A
Carrier Board	PCOM-C700(Type 7)
Extend Temperature Support	Yes