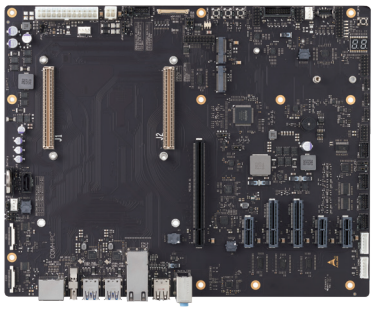
COM-HPC Client Base

COM-HPC® Client Type Reference Carrier Board in ATX Form Factor



Specifications

Core Module Interface	PICMG COM-HPC Revision 1.0 Support Client Type modules in Size A, Size B, or Size C form factor
Dimensions	305 mm x 244 mm (ATX)
Expansion Buses	1x PCI Express x16 slot (PCIe lane 16-31) 2x PCI Express x4 slot (PCIe lane 0-3, 12-15) 3x PCI Express x1 slot (PCIe lane 5, 6, 7) 1x PCI Express x4 M.2 M key connector (PCIe lane 8-11) , 1x PCI Express x1 M.2 E key connector (PCIe lane 4)
POST LEDs	Onboard IO expander for BIOS POST code data on I^2C bus
Secondary BIOS	Onboard socket for secondary SPI flash
COM-HPC Connectors	2x 400-pin (10 mm height)
HDMI	HDMI connector on Rear I/O (DDI0)
DP	1x DP connector (DDI1) and 1x Vertical on Rear I/O (DDI2)
Flat Panel	40-pin header eDP/DSI
Audio	Mic/Line-in/Line-out on Rear I/O by TI codec on I2S bus
SATA	1x SATA (SATA0)
USB 4	2x USB4 at Type C on Rear I/O
USB 3.x	1x USB 3.x Type E 2x USB 3.x Type A on Rear I/O (by hub) 2x USB 3.x at 19-pin header for front panel (by hub)
USB 2.0	2x USB 2.0/1.1 Type A on Rear I/O 1x USB 2.0 on M.2 key-E 2x USB 2.0/1.1 at 9-pin header for front panel (by hub) 1x USB 2.0 at 10-pin header fro front header audio (by hub)
General Purpose LAN	2500/1000/100/10BASE-T compatible RJ-45 on Rear I/O*
GPIO/SD	12-pin header GPIO
Serial Port	3x 10-pin header (from module) 2x 10-pin header (from Super I/O)

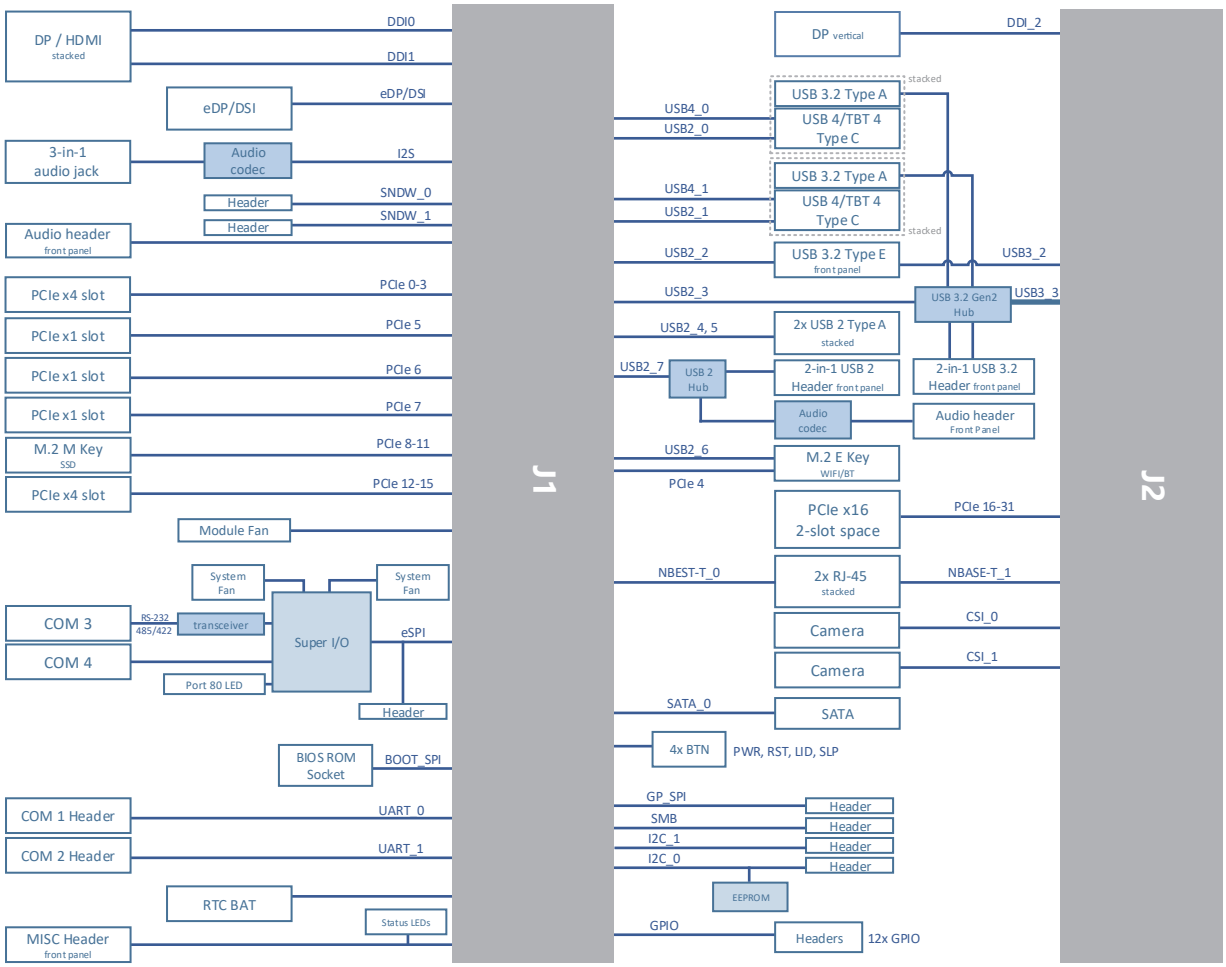
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Specifications

Fan	1x 4-pin fan connector (from module) 2x 4-pin fan connector (from Super I/O)
MIPI-CSI	2x CSI connector (CSI0/CSI1)*
GP_SPI	1x 12-pin header*
Feature Connectors	Headers for SMBus, I2C0/1, Header for front panel Jumpers for module signal controls
Miscellaneous	Power button, Reset button, Sleep button, Lid button, Status LEDs, and Buzzer

* Note: Functions available are dependent on the COM-HPC module used.

Block diagram



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