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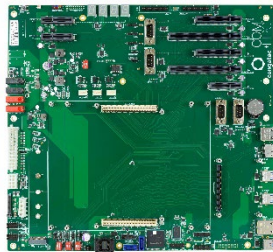


Datasheet

Congatec

conga-HPC/EVAL-Server

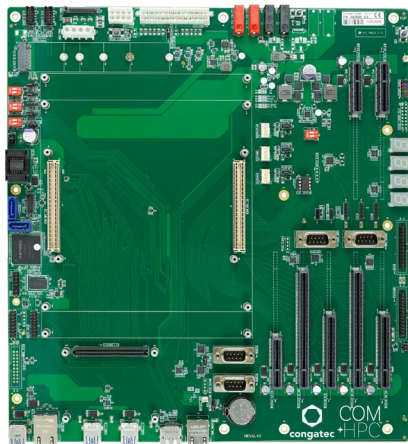
Evaluation Carrier Board for COM-HPC Server Type Modules



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Evaluation Carrier Board for COM-HPC Server Type Modules

conga-HPC/EVAL-Server

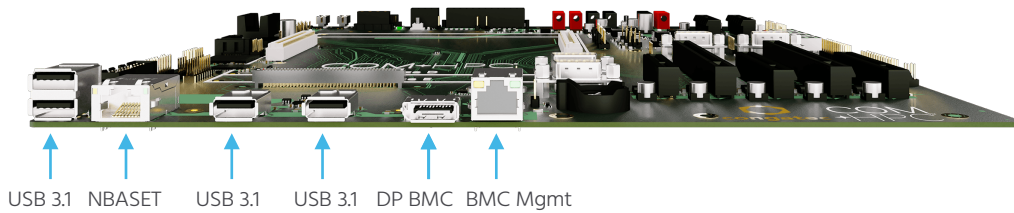
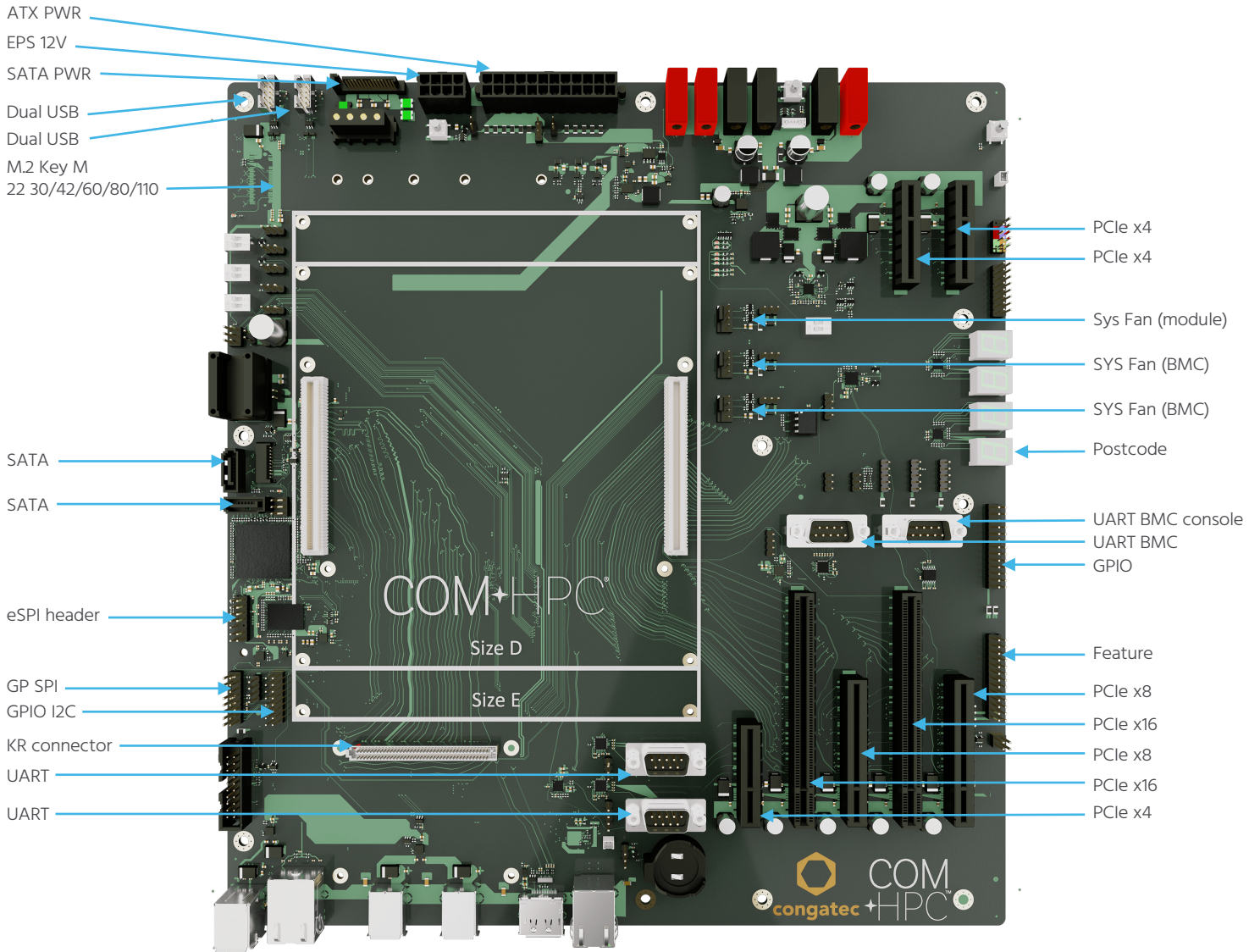


COM+HPC™

- Evaluation Carrier Board for COM-HPC Server Type Modules
- Routing of the entire signals provided by COM-HPC Module Base Specification R1.0 to standard interface connectors

Form factor	Extended ATX
Board Type	Evaluation Carrier Board for COM-HPC Server Type Modules (Sizes D and E)
Internal Connectors and Features	2x PCIe x16 connector 2x PCIe x8 connector 3x PCIe x4 connector 2x dual USB 2.0 header M.2 Key M 2230 / 2242 / 2260 / 2280 / 22110 8x Ethernet KR interfaces connector 2x SATA SATA Power 2x UART DB9 from module 1x UART DB9 from BMC 1x UART DB9 for BMC console GP SPI header I2C header SMB header eSPI header SPI socket GPIO header Feature header 3x Fan
External Connectors	4x USB3.2 Gen 1 Type A DP through BMC 10GbE RJ45 through module GbE RJ45 through ASPEED AST2600
Postcode	4x 7-Segment Postcode LEDs connected to PD I2C
Power Input	ATX connector, 12V/GND banana jacks
Operating Temperature	Operating Temp.: -40°C ... +85°C Storage Temp.: -40°C ... +85°C
Humidity	Operating Hum.: 10% ... 90% r. H. non cond. Storage Hum.: 5% ... 95% r. H. non cond.
Size	304.8 x 330.2 mm (approx. 12 x 13 inches)
Order Information	PN 065500 conga-HPC/EVAL-Server (Evaluation Carrier Board for COM-HPC Server type modules) PN 065505 conga-HPC/LEK-C827-IM 4SFP28 (COM-HPC Mezzanine card with Intel C827-IM, 4xSFP28) PN 065506 conga-HPC/LEK-XL827-AM 8SFP+ (COM-HPC Mezzanine card with 2x Intel XL827-AM, 8xSFP+) PN 065507 conga-HPC/LEK-QSFP (COM-HPC Mezzanine card with direct connection: 4x SFP28 and 1x QSFP adapter)

conga-HPC/sEVAL | Connections



conga-HPC/sEVAL | 10/25G Ethernet Mezzanine Cards



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