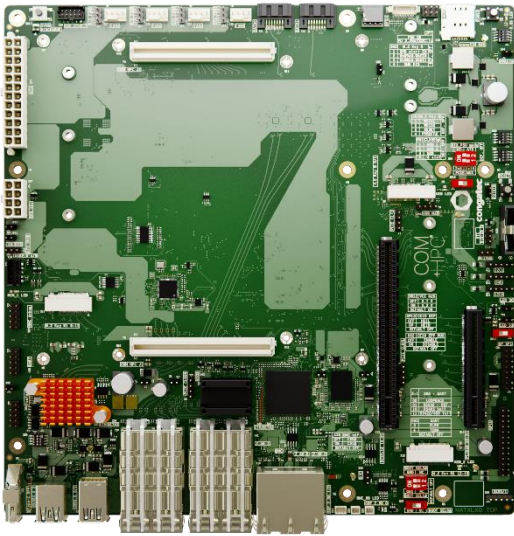


Application Carrier for COM-HPC Server

conga-HPC/uATX-Server

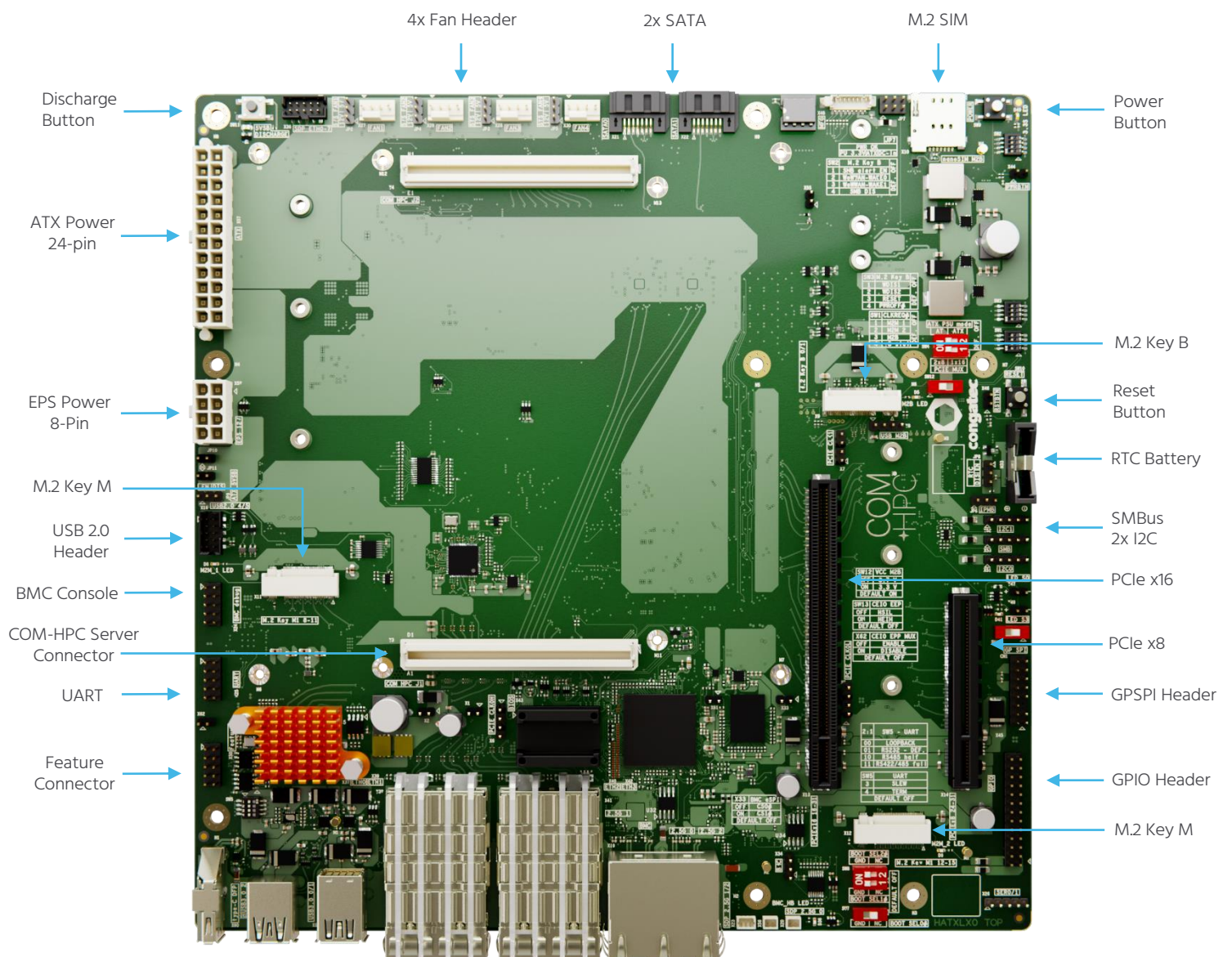


- Quick start for COM-HPC Server and Edge Computing
- Unparalleled feature density
- Industrial temperature support
- Scalable μ ATX carrier board

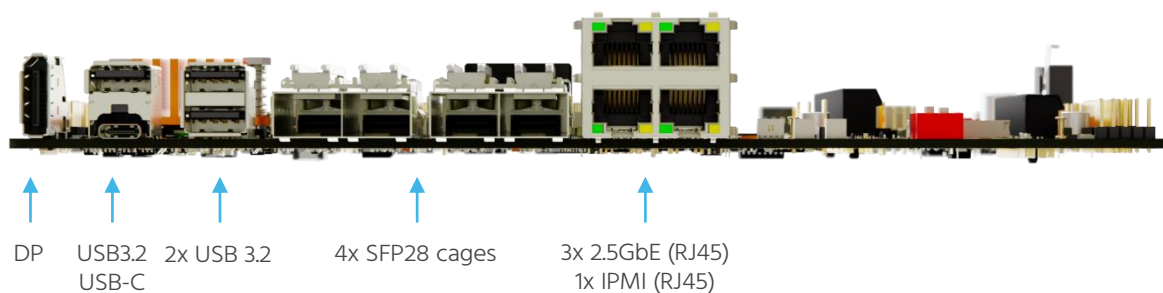
COM-HPC™

Form Factor	Standard Micro-ATX	
Board Type	Application Carrier Board for COM-HPC Server Type Modules (Size D)	
Internal IO	1x PCIe Gen4 x16 1x PCIe Gen4 x8 (capable of housing x16 cards) 1x M.2 Key B 2242/3042/3052/2280 (USB3.1 Gen1, PCIe, nano SIM) 2x M.2 Key M 2242/2280/22110 (PCIe x4 each) 1x RS232/RS485 (BMC, header) 2x SATA III 1x General Purpose I2C header 12x GPIO header 4x 4-pin Fan connectors 1x RTC CMOS battery holder 1x SPI boot flash socket 1x Power button + header 1x Reset button + header 1x ATX power connector 24-pin 1x EPS CPU power connector 8-pin 1x Power LED + header	
External IO	4x SFP28/SFP+ cages for various transceiver technologies 1x 1GbE IPMI (BMC) 3x 2.5GbE RJ45 with IEEE1588 support 1x DP 3x USB 3.1 Gen1 (Type A) 1x USB 3.1 Gen1 (Type C)	
Board Management Controller	Aspeed AST2600	
Power Management	ACPI 6.0	
Temperature Range	Commercial: Operating Temperature: 0 to +60°C Industrial: Operating Temperature: -40 to 85°C	Storage Temperature: -20 to +70°C Storage Temperature: -40 to +85°C
Humidity	Operating: 10 to 90% r. H. non cond.	Storage: 5 to 95% r. H. non cond.
Size	244 x 244 mm ²	

conga-HPC/uATX-Server | Internal IO



conga-HPC/uATX-Server | IO-Panel



conga-HPC/uATX-Server | Order Information

Article	PN	Description
conga-HPC/uATX-Server	065520	COM-HPC Server μ ATX carrier board
conga-HPC/i-uATX-Server	065521	Industrial temperature COM-HPC Server μ ATX carrier board
conga-HPC/uATX-Server I/O Shield	065529	I/O shield accessory for COM-HPC Server μ ATX carrier board

conga-HPC/uATX-Server | Compatible Modules



conga-HPC/sILL

COM-HPC Server Size D
high performance module
based on Intel® Xeon™ D-
1700 and D-1800
processor series (code
name "Ice Lake-D / Refresh
LCC")



conga-HPC/sILH

COM-HPC Server Size D
high performance module
based on Intel® Xeon™ D-
2700 and D-2800 processor
series (code name "Ice
Lake-D / Refresh HCC")

Mouser Electronics

Authorized Distributor

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