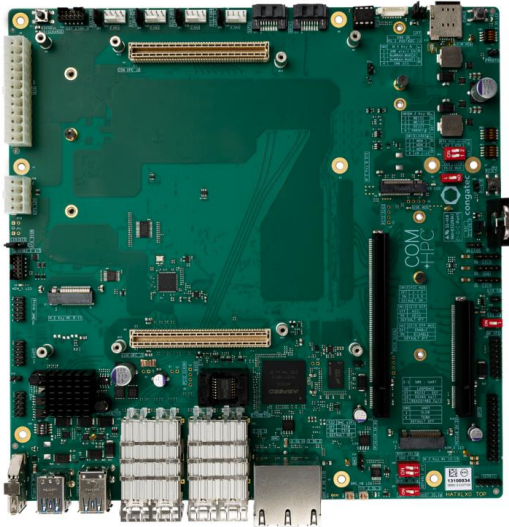


# Application Carrier for COM-HPC Server

## conga-HPC/uATX-Server

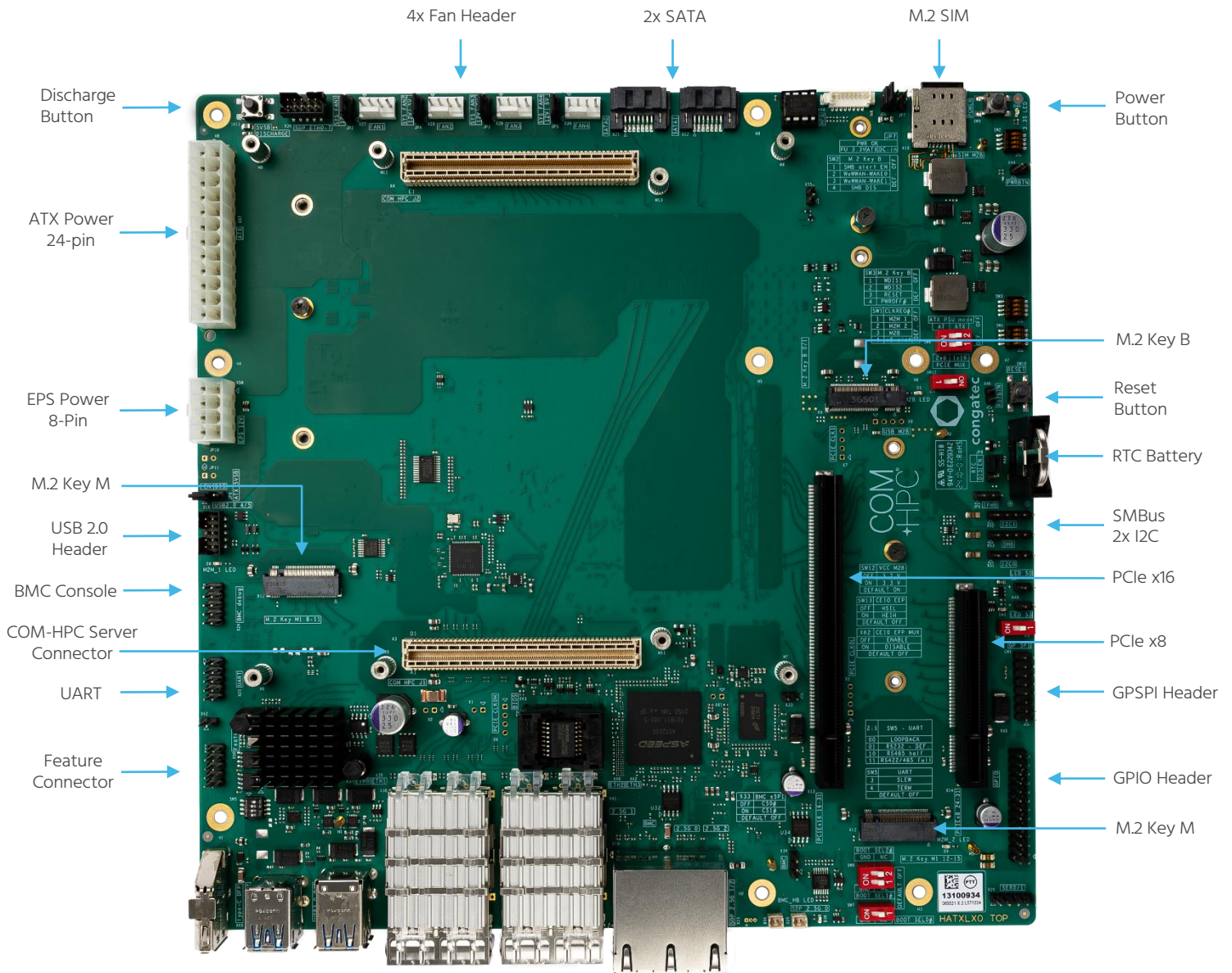


- Quick start for COM-HPC Server and Edge Computing
- Unparalleled feature density
- Industrial temperature support
- Scalable  $\mu$ ATX carrier board

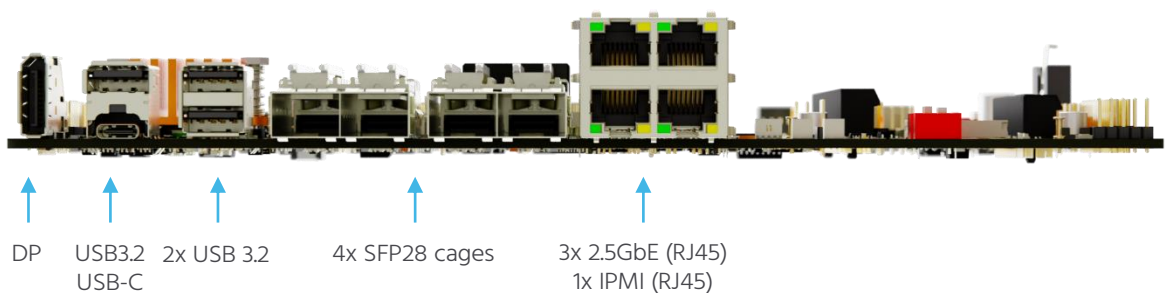
COM-HPC™

<b>Form Factor</b>	Standard Micro-ATX	
<b>Board Type</b>	Application Carrier Board for COM-HPC Server Type Modules (Size D)	
<b>Internal IO</b>	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	
<b>External IO</b>	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)	
<b>Board Management Controller</b>	Aspeed AST2600	
<b>Power Management</b>	ACPI 6.0	
<b>Temperature Range</b>	Commercial: Operating Temperature: 0 to +60°C	Storage Temperature: -20 to +70°C
	Industrial: Operating Temperature: -40 to 85°C	Storage Temperature: -40 to +85°C
<b>Humidity</b>	Operating: 10 to 85% r. H. non cond.	Storage: 5 to 85% r. H. non cond.
<b>Size</b>	244 x 244 mm <sup>2</sup>	

# 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 $\mu$ ATX carrier board
conga-HPC/i-uATX-Server	065521	Industrial temperature COM-HPC Server $\mu$ ATX carrier board
conga-HPC/uATX-Server I/O Shield	065529	I/O shield accessory for COM-HPC Server $\mu$ 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")