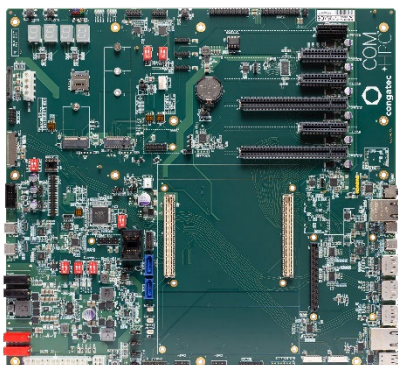


Evaluation Carrier Board for COM-HPC Client Type Modules

conga-HPC/EVAL-Client



COM-HPC™

- Evaluation Carrier Board for COM-HPC Client Type Modules
- Compliant with the upcoming COM-HPC Spec
- Routing of the entire signals provided by COM-HPC specification to standard interface connectors

Formfactor	Extended ATX
Board Variant	Evaluation Carrier Board for COM-HPC Client Type Modules (Sizes A, B, C)
Internal Connectors and Features	<ul style="list-style-type: none">2x PCIe Gen4 x163x PCIe Gen4 x41x BMC PCIe x12x USB41x M.2 Key B 2242 (USB2, 2x PCIe)1x M.2 Key E 2230 (USB2, 2x PCIe)1x two-lane KR connector to connect Mezzanine Cards for LAN options1x eDP (with option for LVDS)1x DMIC header1x I2S SNDW header2x MIPI CSI2x SATA1x SATA Power1x Disk Drive Power4x COM (2x via SIO)1x GPSPi header1x I2C header1x SMB header1x GPIO header1x Feature header1x System Fan1x CPU Fan
External Connectors	<ul style="list-style-type: none">1x Dual USB 23x DP++2x 10GbE RJ454x USB 41x Audio Jack 4-pin with SNDW CODEC
Postcode	4x 7-Segment Postcode LEDs connected to PD I2C
Power Input	<ul style="list-style-type: none">1x ATX standard power input 24pin1x ATX power 12V power input 4pin1x AT power input DC In 8-21Vmax (via 4x 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 065600 conga-HPC/EVAL-Client

All data is for information purposes only. Although all the information contained within this document is carefully checked, no guarantee of correctness is implied or expressed. Product names, logos, brands, and other trademarks featured or referred are the property of their respective trademark holders. These trademark holders are not affiliated with congatec AG. Product not yet released for Mass Production.
Preliminary Revision 0.5 – February 21st 2021