



# conga-HPC/EVAL-Client



COM+HPC™

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

## Form Factor

Board Variant

Internal Connectors and Features

## Extended ATX

Evaluation Carrier Board for COM-HPC Client Type Modules (Sizes A, B, C)

- 2x PCIe Gen4 x16
- 3x PCIe Gen4 x4
- 1x BMC PCIe x1
- 2x USB4
- 1x 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 options
- 1x eDP (with option for LVDS)
- 1x DMIC header
- 1x I2S SNDW header
- 2x MIPI CSI
- 2x SATA
- 1x SATA Power
- 1x Disk Drive Power
- 4x COM (2x via SIO)
- 1x GPSPI header
- 1x I2C header
- 1x SMB header
- 1x GPIO header
- 1x Feature header
- 1x System Fan
- 1x CPU Fan

External Connectors

- 1x Dual USB 2
- 3x DP++
- 2x 10GbE RJ45
- 4x USB 4
- 1x Audio Jack 4-pin with SNDW CODEC

Postcode

4x 7-Segment Postcode LEDs connected to PD I2C

Power Input

- 1x ATX standard power input 24pin
- 1x ATX 12V power input 4pin
- 1x AT power input DC In 8-21Vmax (via 4x banana jacks)

Operating Temperature

Operating Temp.: 0°C ... +60°C      Storage Temp.: -20°C ... +70°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