Evaluation Carrier Board for COM-HPC Client Type Modules

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

Formfactor	Extended ATX
Board Variant	Evaluation Carrier

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

Internal Connectors 2x PCle Gen4 x16 and Features 3x PCle Gen4 x4 1x BMC PCle x1

> 2x USB4 1x M.2 Key B 2242 (USB2, 2x PCle)

> 1x M.2 Key E 2230 (USB2, 2x PCle)

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 MIPLCSI

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

4x USB 4

External Connectors

1x Dual USB 2 3x DP++ 2x 10GbE RJ45

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

Size

Operating Hum.: 10% ... 90% r. H. non cond. Storage Hum.: 5% ... 95% r. H. non cond.

304.8 x 330.2 mm (approx. 12 x 13 inches)

Order Information

PN 065600 conga-HPC/EVAL-Client

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