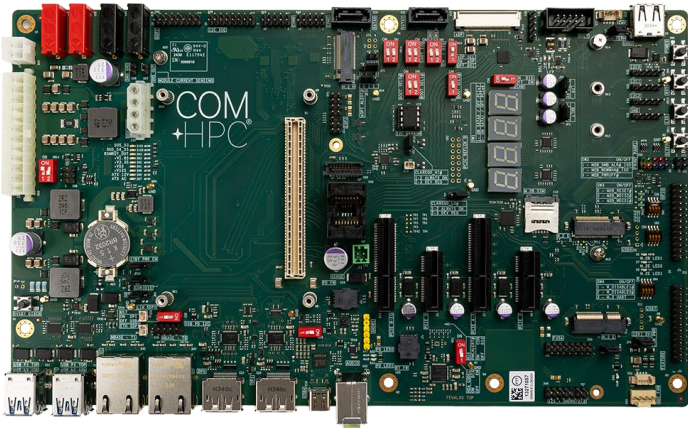# Evaluation Carrier for COM-HPC Mini Modules
conga-HPC/EVAL-Mini

COM+HPC®

- ⊘ Evaluation Carrier for COM-HPC Mini Modules
- ⊘ Routing of the entire signals provided by COM HPC Module Base Specification to standard interface connectors

Board Type	Evaluation Carrier Board for COM-HPC Mini Type Modules
Internal IO	PCIe Gen4 x4 socket (shared with SATA 0/1) | PCIe Gen4 x4 socket | 2x PCIe Gen4 x1 socket M.2 Key M 2280 PCIe Gen4 x4 | M.2 Key E 2230 (PCIe, USB 2) M.2 Key B 2242/3042, 2280 (PCIe, USB 2) with SIM card slot connected to UIM interface USB 2 Type-A 2x SATA III (shared with PCIe 6/7) eDP/MIPI DSI SoundWire 0/2/3 shared with I2S on pin header or HDA CODEC | Soundwire 1 on pin header Power button | Reset button | Sleep button | LID button Feature Connector 12x GPIO | SMB | 3x I2C eSPI header General Purpose SPI header 2x UART CAN header FUSA header System Fan PWM controlled SPI flash socket Postcode display RTC CMOS battery holder ATX standard power input 24pin / P4 | AT banana jacks 8-20V
External IO	2x 10GbE RJ45 4x USB 3.2 Gen2 x1 10Gb/s double stacked USB 4 Type-C 2x DP++ (one DP++ shared with USB4 Type-C) Audio HDA
Power Specification	DC-In 8 - 20V
Operating Systems	Microsoft® Windows 11 | Microsoft® Windows 11 IoT Enterprise | Microsoft® Windows 10 | Microsoft® Windows 10 IoT Enterprise | Linux | Yocto
Temperature Range	Operation -40℃ to 85℃ | Storage -40℃ to 85℃
Humidity	Operation 10% to 85% r. H. non cond. | Storage 5% to 85% r. H. non cond.
Size	approx. 294*172mm
Article	conga-HPC/Eval-Mini Evaluation Carrier Board for COM-HPC Mini modules. PN 065640

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