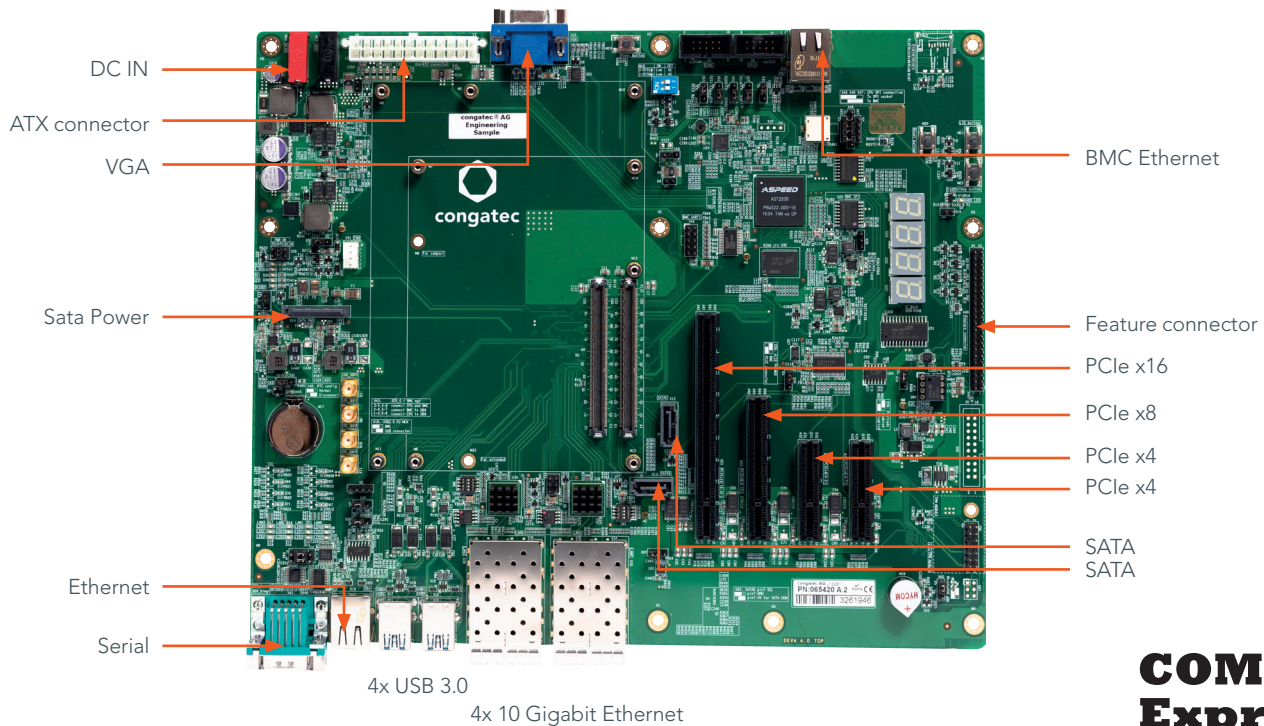


EVALUATION CARRIER BOARD FOR COM EXPRESS TYPE 7

conga-X7EVAL



Evaluation Carrier Board for COM Express Type 7 modules.

To achieve a quick start with COM Express Type 7 modules congatec offers an evaluation carrier board, which routes all the signals to standard interface connectors.

Ethernet	4x 10 Gigabit Ethernet SFP+ 1x Gbe RJ45
Internal connectors	32x PCIe lanes (1x PCIe (3.0) x16 1x PCIe(3.0)x8 5th lane shared with BMC 2x PCIe (3.0) x4) 2x SATA Gen3 1x LPC header 1x IPC Bus 1x SM Bus 1x GPIO 1x FAN control
External connectors	4x USB 3.0/2.0 4th USB2.0 shared with BMC 1x VGA connecting DB-15 2x COM port from module
Baseboard Management Controller	1x VGA
Buttons	Power button Reset button Sleep button LID button
Postcode	4x 7-Segment Postcode LEDs connected to GP_I2C bus
Power Input	ATX Power Supply 12V/GND banana jacks
Temperature	Commercial: Operating: 0 .. +60°C Storage: -40 .. +85°C Industrial: Operating: -40 .. +85°C Storage: -40 .. +85°C
Humidity	Operating: 10 - 90% r. H. non cond. Storage: 5 - 95% r. H. non cond.
Size	294 x 244 mm (11.5" x 9.6")

conga-X7EVAL | Order Information

Article	PN	Description
conga-X7EVAL	065420	congatec COM Express Type7 evaluation carrier with 4x 10Gbe Ethernet. Commercial temperature range.
conga-X7EVAL / industrial	065421	congatec COM Express Type7 evaluation carrier with 4x 10Gbe SFP+ fiber/copper ports. No BMC. Industrial temperature range

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