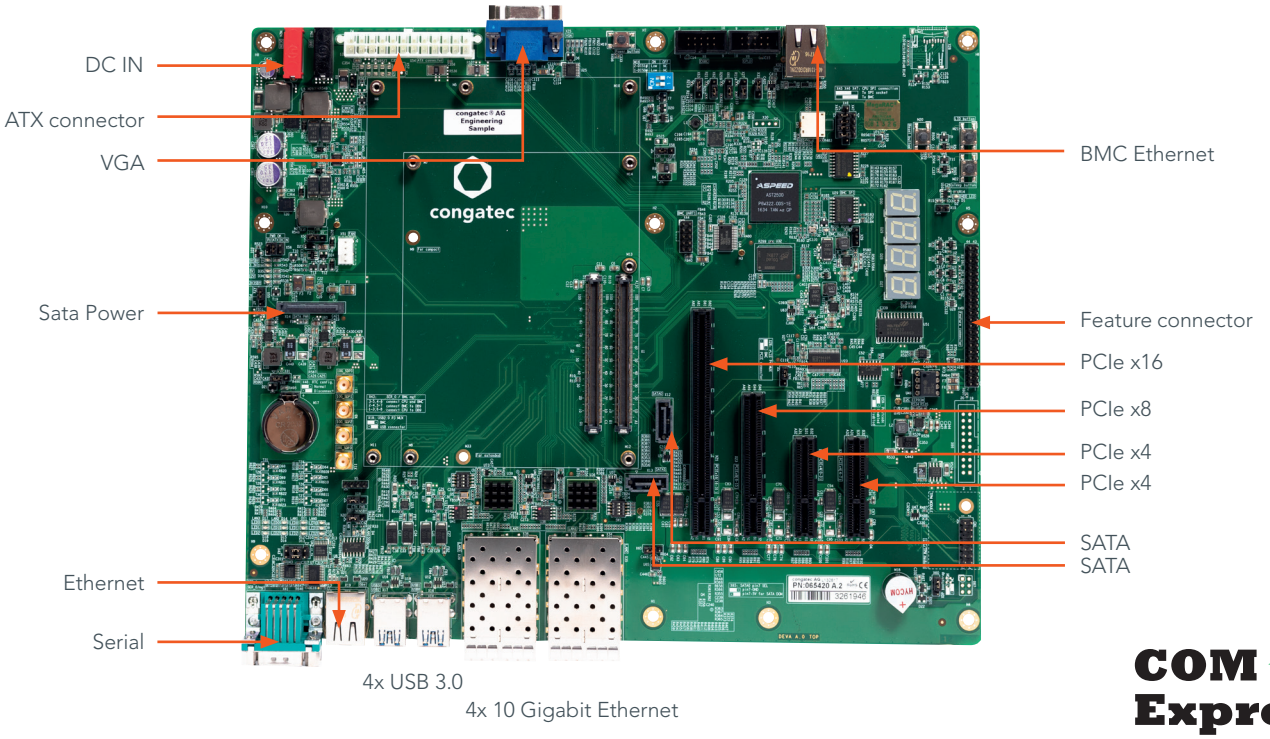
EVALUATION CARRIER BOARD FOR COM EXPRESS TYPE 7

conga-X7EVAL



COM Express®

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 I²C 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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