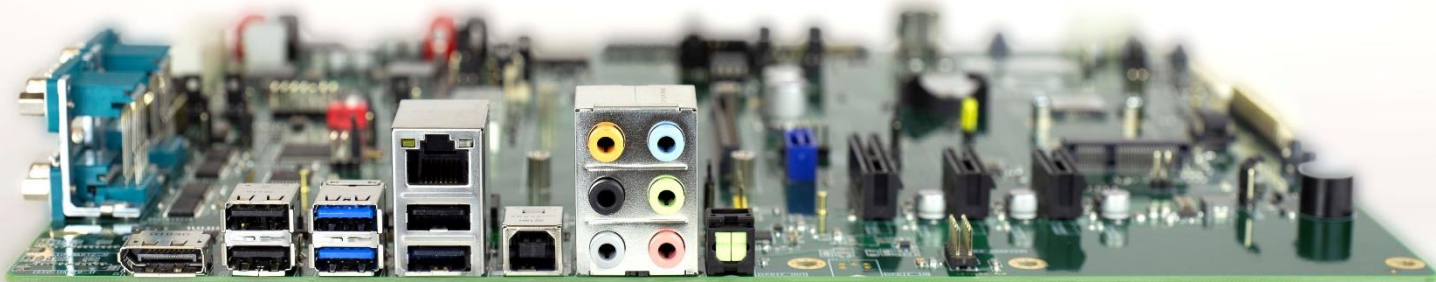


EVALUATION CARRIER BOARD COM EXPRESS MINI TYPE 10

conga-MEVAL



Formfactor

Based on COM Express standard pinout Type 10, rev. 3.0



Supported Modules

COM Express Type 10 mini module form factor

Power

1x standard 24-pin ATX connector
1x DC power input (4mm banana connectors)
1x CR2032 CMOS battery

Back Panel I/O Connectors

1x DP	2x Line-Out jacks
2x USB 3.1 Type A ports	1x Line-In jack
4x USB 2.0 host ports	1x Microphone jack
1x Gigabit Ethernet RJ45 port	1x Headphone jack
1x USB Type B (USB device functionality)	1x Optical S/PDIF-Out

Onboard I/O Connectors

1x PCIe x4 slot	1x I2C digital IO expansion header
2x PCIe x1 slots	6x COM ports
1x mini PCIe socket	1x CPU fan header
1x SIM card socket	1x TPM/SIO header
1x SD card socket (full-size)	1x SBM header
2x LVDS connectors	1 x I2C EEPROM socket
1x LVDS/Backlight power supply header	1x SPI flash header
2x SATA connectors	1x EPI EEPROM Socket
1x Disk drive 4-pin connector	1x Feature connector
1x HDA adapter/debug header	1x DMIC header
1x CAN header	

Other Features

4x Buttons (power, reset, sleep, lid)
1x Beeper
4x Debug displays for post code information
4x Ground test points
1x Voltage test point for COM Express module (optional)
Onboard Super I/O
Discrete TPM (optional)

Temperature

Industrial: Operating: -40 to +85°C Storage: -40 to +85°C

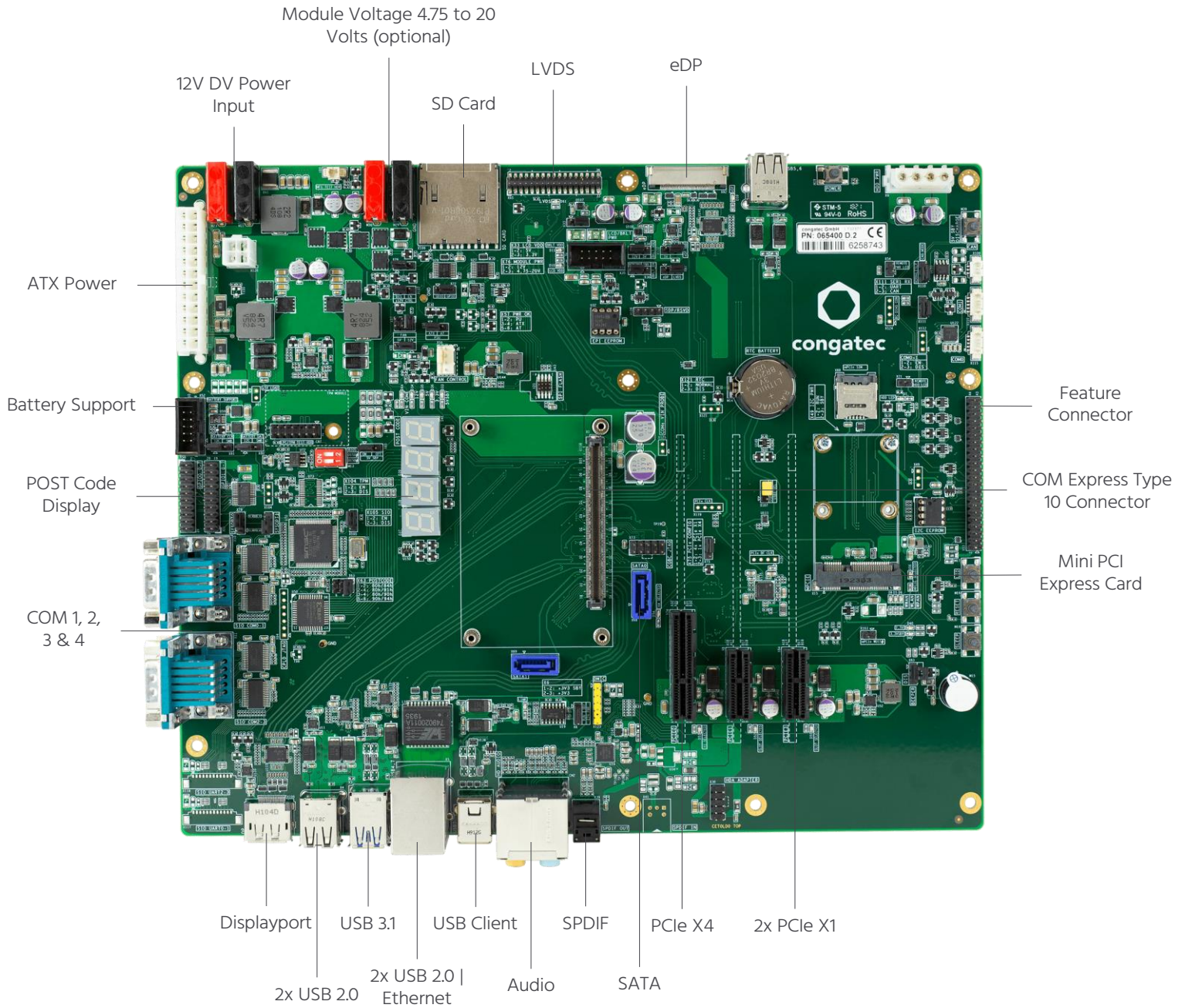
Humidity

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

Size

294 x 244 mm

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Article	PN	Description
conga-MEVAL	065400	Evaluation carrier board for Type 10 COM-Express-modules

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