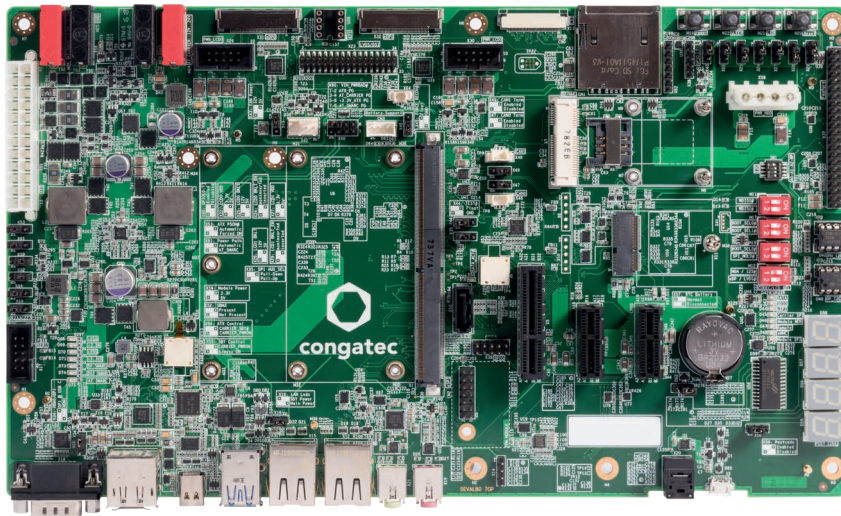


# Evaluation Carrier Board for SMARC Module

# conga-SEVAL



<b>Evaluation Carrier Board</b>	compatible with SMARC modules
<b>Ethernet</b>	2x Gigabit Ethernet
<b>Internal connectors</b>	1x PCIe x4   1x miniPCIe   1x PCIe x1   1x M.2 socket Key E 1x SATA 1x USB 3.0   1x USB 2.0   1x micro USB 2.0 (OTG)   1x USB Type C with PD and DP1 via Alternate Mode 2x RS-232 (1x internal RX/TX on pinheader, 1x RX/TX w/ handshake on DSUB9) 2x CAN GPIO 1x SDIO interface 2x I <sup>2</sup> C Bus 1x eSPI/SPI1 on header 1x SPI Bus 1x FAN control 1x Disk Drive Power Output
<b>Internal Graphic Interface</b>	2x24 bit LVDS connector shared with 2x eDP or 2xDSI
<b>External Graphic Interfaces</b>	1x DP++ 1x HDMI
<b>Camera Interface</b>	2x CSI2
<b>Audio</b>	I <sup>2</sup> S Audio interface and HDA interface
<b>Buttons and LED's</b>	Power button   Reset button   Sleep button   LID button   various indication LEDs
<b>Feature Connector</b>	1x Standard congatec Feature Connector
<b>Postcode</b>	4x 7-Segment Postcode LEDs connected to GP_I2C bus
<b>Temperature</b>	Operating: -40 .. +85°C   Storage: -20 .. +80°C
<b>Power Input</b>	ATX Power Supply   12V - 24V Wide Range Carrier Board Supply   3.0V - 5.25V Wide Range Module Supply   USB Type C PD (12V - 20V)
<b>Humidity</b>	Operating: 10 - 90% r. H. non cond.   Storage: 5 - 95% r. H. non cond.
<b>Size</b>	294 x 172 mm

## conga-SEVAL | Order Information

Article	PN	Description
conga-SEVAL	007010	Evaluation Carrier Board for SMARC 2.0 modules



Gefördert durch:



aufgrund eines Beschlusses  
des Deutschen Bundestages

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