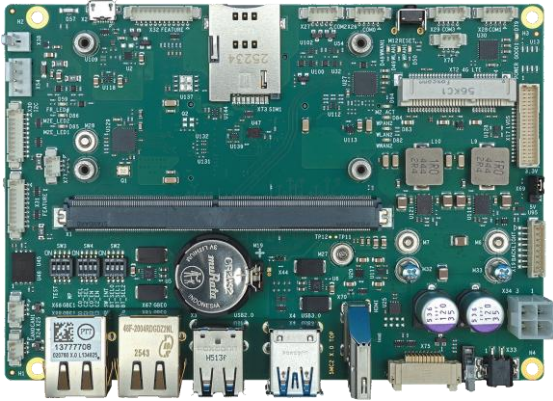


# conga-SMC2/Edge-ARM



- Compact sized 3.5" Application Carrier Board
- Support for SMARC modules on ARM
- Made for dual SIM LTE applications
- Industrial Temperature Range -40°C to +85°C
- Fast implementation and improved Time-To-Market



<b>Formfactor</b>	3.5" Application Carrier Board
<b>Board Variant</b>	Support for SMARC modules on ARM
<b>Internal Connectors and Features</b>	1x LVDS 18/24bit single/dual channel LVDS 1x Backlight Power via Pin header for LVDS 1x M.2 Key E 2230 (PCIe, USB 2.0) 2x miniPCIe connector (USB only) 2x SIM sockets 1x eSIM (optional) 1x CAN (plus second CAN1 as option) 2x RS 232/422/485 on pin header (optional) 2x RS232 on pin header (optional) 1x Feature connector (Power, Reset, Sleep, LID) 1x Feature connector (Charger, Batlow, WD) (optional) 1x I2C GP and I2C PM (optional) 1x RTC battery holder (CR2032) 1x FAN header (optional) 2x Dual Color LED 1x Micro SD slot (optional)
<b>External Connectors</b>	2x GbE RJ45 2x USB 2.0 2x USB 3.0 1x HDMI 1x External DC-Input 1x Industrial I/O connector (CAN0, 1x RS232, 1x RS232/422/485, 8xGPIO) 1x SW Reset button 1x USB OTG (serial debug console)
<b>Power Specification</b>	DC-In (12-24V Wide Range Carrier Board Supply)
<b>Security</b>	Trusted Platform Module (TPM 2.0)
<b>Temperature Range</b>	Operating Temp.: -40°C ... +85°C Storage Temp.: -40°C ... +85°C
<b>Humidity</b>	Operating Hum.: 10% - 85% r. H. non cond. Storage Hum.: 5% - 85% r. H. non cond.
<b>Size</b>	approx. 146 x 102 mm
<b>Order Information</b>	PN 020760 conga-SMC2/Edge-ARM

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