

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



Formfactor	3.5" Application Carrier Board
Board Variant	Support for SMARC modules on ARM
Internal Connectors and Features	<ul style="list-style-type: none">1x LVDS 18/24bit single/dual channel LVDS1x Backlight Power via Pin header for LVDS1x M.2 Key E 2230 (PCIe, USB 2.0)2x miniPCIe connector (USB only)2x SIM sockets1x 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 LED1x Micro SD slot (optional)
External Connectors	<ul style="list-style-type: none">2x GbE RJ452x USB 2.02x USB 3.01x HDMI1x External DC-Input1x Industrial I/O connector (CAN0, 1x RS232, 1x RS232/422/485, 8xGPIO)1x SW Reset button1x USB OTG (serial debug console)
Power Specification	DC-In (12-24V Wide Range Carrier Board Supply)
Security	Trusted Platform Module (TPM 2.0)
Temperature Range	<ul style="list-style-type: none">Operating Temp.: -40°C ... +85°CStorage Temp.: -40°C ... +85°C
Humidity	<ul style="list-style-type: none">Operating Hum.: 10% - 85% r. H. non cond.Storage Hum.: 5% - 85% r. H. non cond.
Size	approx. 146 x 102 mm
Order Information	PN 020760 conga-SMC2/Edge-ARM