COM EXPRESS TYPE 7 CARRIER BOARD Conga-STX7/carrier



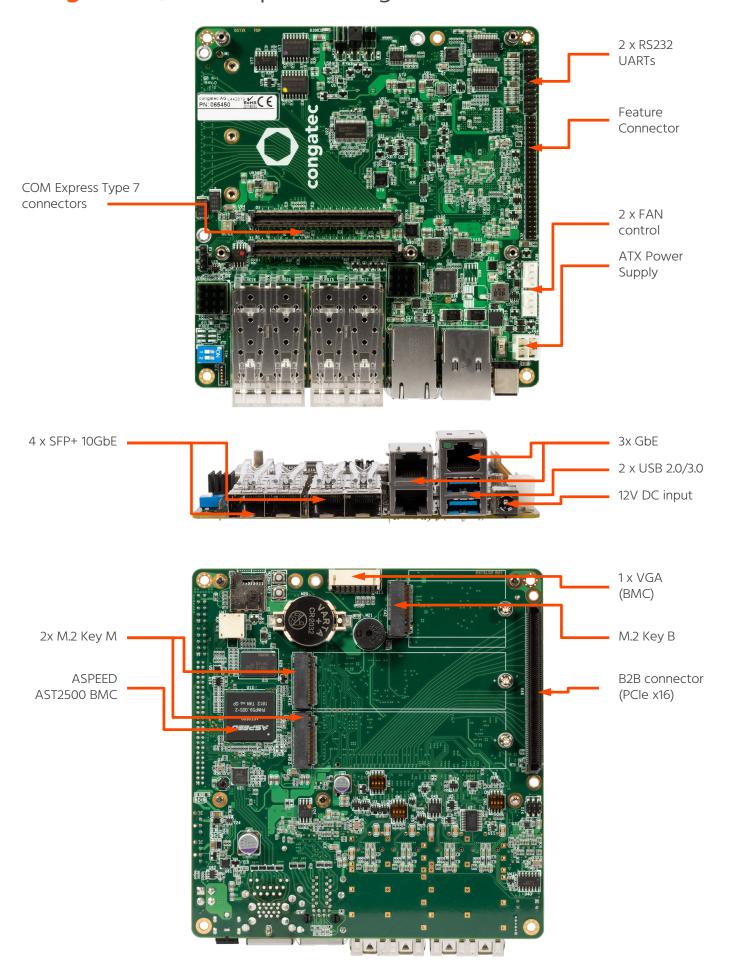
- Intel® 5x5 mini-STX form factor (5.5" x 5.8")
- 4 x 10 GbE LAN (SFP+ modules)
- 3 x 1 GbE LAN
- 3 x M.2 sockets (2x M-Key 2280, 1x B-Key 3042)
- Onboard BMC ASPEED AST2500
- General purpose B2B connector for add-on cards (PCle x16)



Formfactor	Intel® 5x5, mini-STX form factor (5.5" x 5.8"; 140 mm x 147 mm), COM Express Type 7 Connector (Basic)		
Ethernet	4 x 10 GbE KR MAC Interface from COMe Type 7 module to 2 dual PHY Connector SFP+ Ports. 2 x Integrated Inphi CS4227 10GbE KR PHY's on the carrier. SFP+ ports are configurable by external cable for copper or fiber operating mode 3 x 1 GbE (1 x 1 GbE from COM Express Type 7 module; 1 x 1 GbE on carrier for Networking; 1 x 1 GbE for remote control (BMC))		
Internal connectors	3 x M.2 socket (2x 2280 Key M, 1x 3042 Key B) 2 x RS232 UARTs 1 x Feature connector 1 x General purpose Board 2 Board connector (PCle x16) 2 x FAN control 1 x VGA		
External connectors	4 x SFP+ 10GbE connector 3 x 1 GbE 2 x USB 2.0/3.0 host ports		
Buttons	Power button Reset button		
вмс	ASPEED AST2500 or ASPEED AST2510		
Power Input	12V DC input ATX Power Supply		
Temperature	Industrial: Operating: -40 to +85°C Storage: -40 to +85°C Commercial: Operating: 0 to +60°C Storage: -40 to +85°C		
Humidity	Operating: 10 - 90% r. H. non cond. Storage: 5 - 95% r. H. non cond.		
Size	140 mm x 147 mm (5.5" x 5.8")		

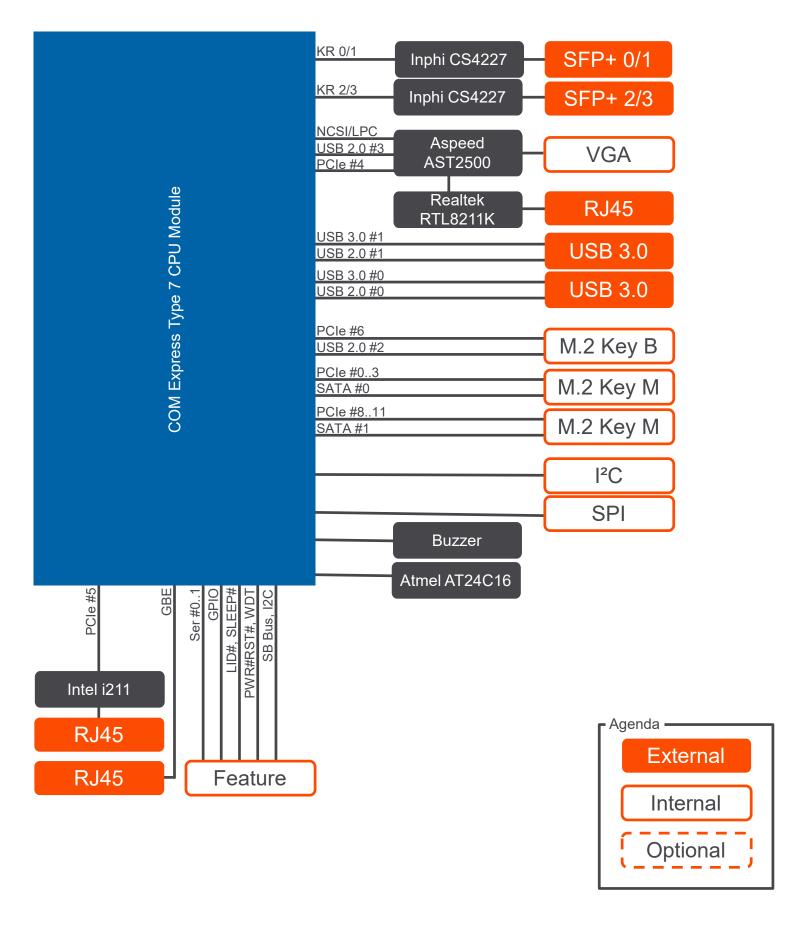


conga-STX7/carrier | Block diagram





conga-STX7/carrier | Block diagram





conga-STX7/carrier | Order Information

Article	PN	Description
conga-STX7/carrier	065450	Standard Mini-STX carrier board for COM Express Type 7 Modules with basic form factor. The carrier features an Aspeed AST2500 Board Management Controller (BMC).

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