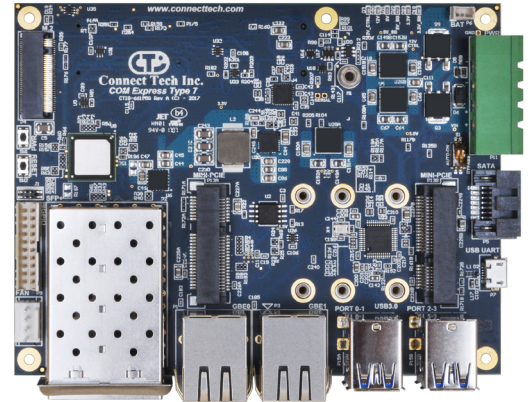


COM Express® Type 7 Carrier Board

Connect Tech's COM Express® Type 7 Carrier Board is based on the PICMG COM Express® COM.0 R3.0 specification. It includes 2x 10G Ethernet from SFP+ modules, 2x GbE ports, M.2 NVMe Storage, 4x USB 3.0, full and half size Mini PCIe expansion slots, 8x 3.3V buffered GPIO, and a Console connection via Micro USB.

The carrier board is ideal for high-compute, enterprise level applications that have a need for a small form factor rugged solution providing access to high-end Xeon D class processors.

Product Name: COM Express® Type 7 Carrier Board
Part Number: CCG070



FEATURES

- ✓ *COM Express Type 7 Module Support*
- ✓ *Dual 10GbE Ethernet*
- ✓ *Ultra High Speed Storage with M.2 NVMe SSD support*
- ✓ *Extremely Small Form Factor: 125 x 95mm*
- ✓ *Extended Temperature Range -40°C to +85°C*

Specifications	
COM Express Module Compatibility	<ul style="list-style-type: none"> • COM Express Type 7 Modules • PICMG COM Express® COM.0 R3.0 • Support for current and next-gen Xeon-D (Broadwell DE) processor modules
10 Gigabit Ethernet	<ul style="list-style-type: none"> • 2 x 10GbE (via SFP+ cages) • Integrated Extended Temperature 10Gbps PHY located directly on the carrier board • Capable of 10GBASE-SR, 10GBASE-LR or 10GBASE-T using when using the appropriate SFP+ transceiver module.
Gigabit Ethernet	2 x GbE Ports (via RJ-45) 1000BASE-T (10/100/1000Mbps) Capable
Storage	<ul style="list-style-type: none"> • 1 x M.2 2280 M-Key Slot (Dual function PCIe + SATA) <ul style="list-style-type: none"> - NVMe (PCIe x4 Gen3) Capable - SATA III (6Gbps) Capable • 1 x Standard SATA Port (7-Pin)
USB	4x USB 3.0 ports
Expansion	1x mini PCIe slot full size (USB + PCIe) 1x mini PCIe slot half size (USB + PCIe)
Serial	1x CPU Console UART (via Micro USB) 1x General Purpose UART (via 2mm header)
GPIO	8x 3.3V buffered GPIO
Input Power	+12V DC only
Display Output	None (Headless System) Initial Setup/Debug can be achieved via MiniPCIe graphics module
Misc.	Reset Button, Power Button, Sys Ctrl
Dimensions	125mm x 95mm (4.921" x 3.74")
Operating Temperature	-40°C to 85°C (-40°F to 185°F)