COM Express® Type 10 PC Connector Carrier is an extremely small carrier board featuring a combination of PC style connectors and locking pin header connectors.

The carrier is a robust offering, with 2x USB 3.0 Type A ports, 6x USB 2.0 ports, 1x HDMI, 1x LVDS interface, and 2x GbE. The COM Express Type 10 Carrier Board provides support for the latest generation of low-powered CPUs.

Ideal for space constrained applications and supports extended temperature ranges of -40°C to +85°C.

FEATURES
- Extremely Small Size: 84mm x 73.415mm (3.307" x 2.890")
- Combination of PC style and locking pin header connectors
- Support for the latest generation of low-powered CPUs
- 2 x USB 3.0 Type A, 6x USB 2.0, 2x RS-232, 2x GbE, 1x mSATA
- Extended Temperature Range: -40°C to +85°C (-40°F to +185°F)

PART NUMBER: CCG022

SPECIFICATIONS

| Compatibility       | COM Express® Type 10 Modules
|                     | PICMG COM Express® COM.0 R2.1
| Network             | 2x Gigabit (10/100/1000) Ports
|                     | • 1 from COM Express®
|                     | • 1 from on-board Intel 82574 PHY/Controller
| Storage             | 1x mSATA
| Display             | • 1x HDMI Type A Connector
|                     | • 1x LVDS interface (18-bit, 3 data pairs)
| MIPI                | 1x 4-lane MIPI CSI-2 (I-PEX Connector)
| Connectors          | USB Type A, RJ45, HDMI connectors, additional signals via shrouded locking ruggedized 2mm pitch headers. Can be mated to CTI custom cable set to panel mount or PC MIL type connectors
| Power               | Single wide input range
|                     | +8V to +14V (may be module dependent)
| Temperature         | -40°C to +85°C (-40°F to +185°F)
| Weight              | 68g (2.40oz)
| Mini-PCle Expansion | 2x half-size cards OR 1 x full length card
|                     | Both sockets have PCIe and USB signaling, one socket can be configured as mSATA
| USB                 | 2x USB 3.0 Type A (Only if supported by COM Express Module)
|                     | 6x USB 2.0 Ports
|                     | (2 to USB 3.0 connector, 2 to USB 2.0 Type A connector, 2 to miniPCIe)
| GPIO                | 8-bit GPIO
| Audio               | HD Audio (Cirrus Logic CS4207 codec)
|                     | 1x stereo input, 1x stereo output
| SATA                | 1x SATA (7-pin Data Connector)
| Misc. External      | • SMBus
| Interfaces          | • I2C
|                     | • Battery Low Indication
|                     | • System Status (S3 and Reset Outputs)
| Serial              | 2x RS-232/422/485 hardware selectable ports
| Dimensions          | 84mm x 73.415mm (3.307" x 2.890")

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