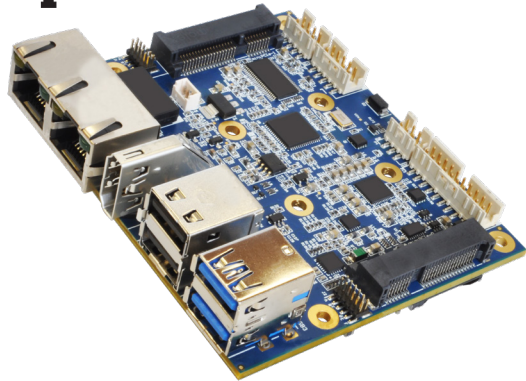




COM Express® Type 10 PC Connector Carrier is an extremely small carrier board featuring a combination of PC style connectors and locking pin header connectors.

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

SPECIFICATIONS

Compatibility	COM Express® Type 10 Modules PICMG COM Express® COM.0 R2.1	Mini-PCIe 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
Network	2x Gigabit (10/100/1000) Ports <ul style="list-style-type: none"> • 1 from COM Express® • 1 from on-board Intel 82574 PHY/Controller 	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)
Storage	1x mSATA	GPIO	8-bit GPIO
Display	<ul style="list-style-type: none"> • 1x HDMI Type A Connector • 1x LVDS interface (18-bit, 3 data pairs) 	Audio	HD Audio (Cirrus Logic CS4207 codec) 1x stereo input, 1x stereo output
MIPI	1x 4-lane MIPI CSI-2 (I-PEX Connector)	SATA	1x SATA (7-pin Data 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	Misc. External Interfaces	<ul style="list-style-type: none"> • SMBus • I2C • Battery Low Indication • System Status (S3 and Reset Outputs)
Power	Single wide input range +8V to +14V (may be module dependent)	Serial	2x RS-232/422/485 hardware selectable ports
Temperature	-40°C to +85°C (-40°F to +185°F)	Dimensions	84mm x 73.415mm (3.307" x 2.890")
Weight	68g (2.40oz)		



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