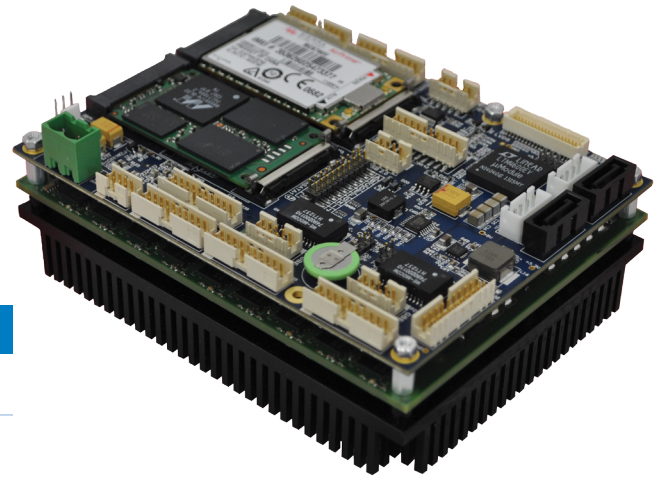




COM Express® Type 6 Rugged Ultra Lite Carrier

Connect Tech's COM Express® Type 6 Rugged Ultra Lite Carrier Board is a compact carrier board which matches the dimensions of a COM Express® Basic module and offers the ultimate durability with rugged, locking pin header connectors. COM Express® Type 6 Ultra Lite Carrier Board is ideal for space constrained applications, harsh environments, demanding conditions and supports extended temperature ranges of -40°C to +85°C.

Product Name: COM Express® Type 6 Rugged Ultra Lite Carrier
Part Number: CCG011



Specifications

Compatibility	COM Express® Type 6 Modules PCIMG COM Express® COM.0 R2.0
Mini-PCIe Expansion	2 x half or full length cards Both sockets have PCIe, USB and SATA signaling for mSATA operation 1 x SIM Card Expansion
Storage	4 x SATA ports: 2 x mSATA 2 x External Vertical Locking Connector
Network	2 x Gigabit Ethernet (10/10/1000) Ports 1 from COM Express 1 from on-board Intel 82574I PHY/Controller
GPIO	8-bit GPIO
USB	8 x USB 2.0 Ports (2 used for miniPCIe)
Display	2 x DisplayPort++ (DDI) interface - which can be used for DisplayPort, HDMI, DVI or VGA 1 x VGA (Analog/CRT) 1 x LVDS interface (single ch 24-bit, dual ch 48-bit)
Audio	HD Audio (Cirrus Logic CS4207 codec) 1 x stereo input 1 x stereo output
Serial	1 x Console RS-232 port (TX/RX) 2 x RS-232 (w/ full modem signals) 2 x RS-422/485
Miscellaneous External Faces	SMBus I2C Battery Low Indication PC speaker Interface System Status (S3 and Reset Outputs)
Power	Input: Single +12V input +/- 5% (5mm pitch terminal connector) On-board RTC Battery 3V 48mAh (with option to select from RTC external battery)
I/O Connectors	All low-profile shrouded locking ruggedized 2mm pitch headers. Can be mated to panel mountable cable set or MIL type connectors.
Weight	TBD
Temperature	-40°C to +85°C
Dimensions	125mm x 95 mm
Support	Lifetime warranty and free technical support

FEATURES

- ✓ Ruggedized, locking pin header connectors
- ✓ COM Express type 6 compatibility
- ✓ Mini-PCIe Expansion
- ✓ Supports latest processor sets, including 4th Generation Intel® Core™ i7 (Haswell)
- ✓ Extended Temperature Range

RoHS

Specifications subject to change without notice.
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Connect Tech Inc.
42 Arrow Road
Guelph, ON Canada
Tel: 519.836.1291
Fax: 519.836.4878

Toll: 800.426. 8979 (NA)
Email: sales@connecttech.com
www.connecttech.com