Connect Tech's COM Express® Type 6 PMC/XMC Ultra Lite Carrier Board is a compact, feature-rich carrier which offers dual PMC/XMC and Mini-PCIe expansion. This carrier board features USB 3.0 and DisplayPort, and supports the latest high performance processors including 4th Generation Intel® Core™ i7 (Haswell).

The COM Express® Type 6 PMC/ XMC Ultra Lite Carrier Board is ideal for military and aerospace applications, and accepts a wide input voltage range from a regulated or un-regulated source of +12V to +48V DC.

**Specfications**

- **Dimensions**: 170mm x 165mm
- **COM Express**: Accepts Type-6 Up to 4th Gen Intel Core i7 (Haswell)
- **Peripheral Connector Type**: Rugged Locking 2mm Pitch Connectors
- **MiniPCIe Expansion**: 2 slots (with PCIe, USB and SATA connections)
- **PMC Expansion**: 2 PMC (PCI) for I/O expansion
- **XMC Expansion**: 2 x8 XMC (PCIe) for I/O expansion
- **DisplayPort++**: 2 outputs (can be used for HDMI, DVI or VGA)
- **VGA**: 1 Analog CRT VGA Port
- **LVDS**: 18-24-bit LVDS
- **GBE**: 2 x 10/100/1000 Ethernet Ports
- **USB**: 6 Total - 4 x USB 3.0/2.0 Ports, 2 x USB 2.0 ports
- **HD Audio**: 1 stereo input, 1 stereo output
- **RS-232**: 1 to COM Express console port
- **GPIO**: 8 -bits (Buffered 4in/4out, +3.3V or +5V selectable)
- **Ext SATA**: 2 external SATA connectors (capable of SATA III)
- **mSATA**: 2 mSATA slots (capable of SATA III)
- **SD Card**: 1 micro SD Card slot (from USB source)
- **Input Power**: +12V to +48V DC
- **Industrial SSD**: Up to 64GB of industrial grade SSD storage (optional)
- **Warranty and Support**: Lifetime warranty and free technical support

**FEATURES**

- Ruggedized, locking pin header connectors
- Dual PMC/XMC & Mini-PCIe Expansion
- COM Express Type 6 compatibility
- Small form factor (170mm x 165mm)
- Supports latest processor sets, including 4th Generation Intel Core i7™ (Haswell)
- Extended Temperature Range