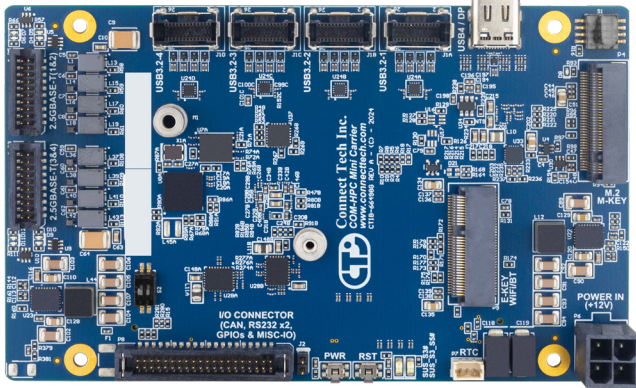


The COM-HPC® Mini Carrier Board features extensive connectivity options combined with high speed and ruggedized locking connectors.

Designed to support the latest COM-HPC® Mini specification, the mini carrier board is a compact and versatile platform for high-performance computing applications. Optimize power management, minimize space and energy usage, and reduce development time with this scalable mini carrier board.



## COM+HPC™



Enables seamless integration into edge computing, AI, and IoT environments. Commercial off-the-shelf solution that accelerates your time to market.

## FEATURES

- ✓ COM-HPC® Mini Compliant
- ✓ Secure rugged locking/latching connectors on all I/O ports
- ✓ 1x 2280 M.2 M-Key (PCIe x4, NVMe), 1x 2230 M.2 E-Key (WiFi/BT)
- ✓ 4x 2.5Gb Ethernet; 4x USB 3.2 Ports
- ✓ 2x UART, 2x RS-232/RS-485, 1x I2C, 1x SPI, 1x CAN 2.0B
- ✓ Dimensions: 115mm x 70mm

## SPECIFICATIONS

<b>Module Compatibility</b>	<ul style="list-style-type: none"> <li>COM-HPC® Mini Compliant</li> </ul>	<b>Ethernet Connectivity</b>	<ul style="list-style-type: none"> <li>4x 2.5 Gb Ethernet Ports</li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>4x USB 3.2 Ports (10Gbps Capable)</li> <li>Rugged Locking High-Speed Samtec ARF6 Connector</li> </ul>	<b>Display Output/USB4</b>	<ul style="list-style-type: none"> <li>1 x DP/USB4 Port</li> <li>USB Type-C Connector</li> </ul>
<b>M.2 Expansion</b>	<ul style="list-style-type: none"> <li>1x 2280 M.2 M-Key (PCIe x4, NVMe)</li> <li>1x 2230 M.2 E-Key (WiFi/BT)</li> </ul>	<b>Serial Interfaces</b>	<ul style="list-style-type: none"> <li>2x UART/CONSOLE 3.3V TTL</li> <li>2x RS-232/RS-485</li> <li>1x I2C Channel @ 3.3V IO</li> <li>1x SPI Channel @ 3.3V IO</li> <li>1x CAN 2.0B (non-isolated)</li> </ul>
<b>GPIO</b>	<ul style="list-style-type: none"> <li>GPIOs 3.3V Input/Output Capable pins</li> <li>1x 3.3V Power Pin at 1A</li> </ul>	<b>Input Power/Misc Power Details</b>	<ul style="list-style-type: none"> <li>+12V Only</li> </ul>
<b>RTC</b>	<ul style="list-style-type: none"> <li>Implemented via 3-pin picoblade</li> </ul>	<b>Mechanical Details</b>	<ul style="list-style-type: none"> <li>115mm x 70mm (4.528" x 2.756")</li> </ul>