



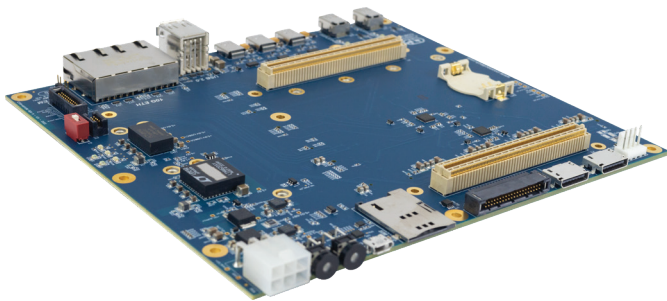
## The COM-HPC® Carrier Board is the first of its kind for Connect Tech.

This small form factor carrier board features high-speed PC style connectors. The COM-HPC® Carrier Board is an integral addition to Connect Tech's product line, supporting the latest COM-HPC® specification. Improve speed, reduce cost, support research and innovation with the COM-HPC® Carrier Board.



## COM+HPC™

Enables scientists and engineers to focus on solving problems instead of managing computer systems.



### FEATURES

- ✓ Based on COM-HPC® for Client Modules A, B, or C
- ✓ 4x 2280 M.2 M-Key, 2x 3042/3052 M.2 B-Key, 1x 3030 M.2 E-Key
- ✓ Extended Temperature Range: -40°C to +85°C (-40°F to +185°F)
- ✓ 2x NBASE-T; 3x USB 3.2 Gen 2x1 via USB type C
- ✓ Dimensions: 180mm x 160mm

### SPECIFICATIONS

<b>Module Compatibility</b>	COM-HPC® Client Modules <ul style="list-style-type: none"> <li>• Size A (95x120mm)</li> <li>• Size B (120x120mm)</li> <li>• Size C (160x120mm)</li> </ul>	<b>GPIO/UART/SPI/I2C Connector</b>	<ul style="list-style-type: none"> <li>• 12x GPIO (3.3V CMOS)</li> <li>• 2x SDP</li> <li>• 1x I2C (3.3V CMOS)</li> </ul>
<b>Network Connectivity</b>	<ul style="list-style-type: none"> <li>• 2x NBase-T (2x 2.5Gbps)</li> </ul>	<b>Serial Console</b>	<ul style="list-style-type: none"> <li>• 1x Serial Console via micro USB (USB UART)</li> </ul>
<b>Memory Expansion</b>	<ul style="list-style-type: none"> <li>• 4x 2280 M.2 M-Key Sockets (PCIe Gen4 Capable)</li> </ul>	<b>MISC</b>	<ul style="list-style-type: none"> <li>• 1x 4-pin FAN connector</li> <li>• 1x Power/Reset buttons</li> <li>• 1x Utility connector</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>• 2x mini-Display Port</li> </ul>	<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>• -40°C to 85°C (-40°F to 185°F)</li> </ul>
<b>Expansion Ports</b>	<ul style="list-style-type: none"> <li>• 2x 3042/3052 M.2 B-Key: Supports both PCIe and USB 3.1 connectivity</li> <li>• 1x 2230 M.2 E-Key: Supports both PCIe and USB 2.0 connectivity</li> <li>• 2x OCuLink Cable PCIe Expansion Connectors (Each x4 PCIe Capable)</li> </ul>	<b>Input Power</b>	<ul style="list-style-type: none"> <li>• +12V DC</li> <li>• 2x3 Mini-Fit Jr. Input Power Connector (standard GPU Pinout)</li> <li>• ATX and AT/Auto-Power ON supported</li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>• 3x USB 3.2 Gen 2.1 via (USB Type-C Connector)</li> <li>• 2x USB 2.0 (USB Type-A Connector)</li> </ul>	<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 180mm x 160mm (7.087" x 6.299") - Client Modules Size A, B, or C are supported.</li> </ul>



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