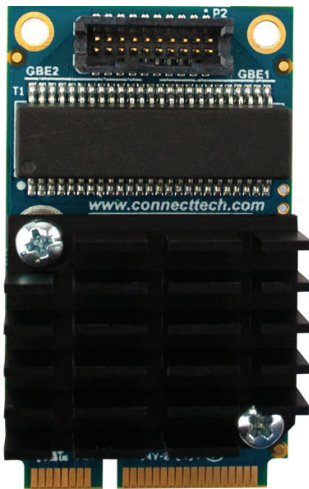




The Dual Port Mini PCIe GbE board is a rugged, low-cost dual Gigabit Ethernet Mini PCIe module.

This board is ideal for adding extra Ethernet capabilities to any system with minimal increase in overall system size and power consumption. The module utilizes PCIe signaling which allows it to be used in any Mini PCIe socket that supports PCIe with available Z-height. The wide operating temperature, latching Ethernet connector, and cabling solution allows the module to be used in harsh environments.



Compatibility with Windows and Linux operating systems allows these boards to be easily integrated into a wide array of new and existing systems.

FEATURES

- ✓ Ideal for adding extra Ethernet capabilities to any system with minimal increase in overall system size
- ✓ Used in any Mini PCIe socket that supports PCIe with available Z-height
- ✓ Connector supports Board-to-Board or Cable-to-Board mating
- ✓ CTI thermal solution available for off-the-shelf use with this module

SPECIFICATIONS

Product Numbers	MPG110-01 (CTI Passive Thermal installed)	Dimensions	50.95 mm x 30 mm Mini PCIe "Full" Height above board: <ul style="list-style-type: none"> • With CTI Thermals: 13mm • Without Thermals: 8.5mm
10/100/1000 BASE-T Ports	2	PCIe	PCIe v2.0 (5.0 GT/s)
Connector	Samtec TFML 2x10, 1.27mm Vertical	Cables (Optional, not included)	CBG510 (Dual RJ-45 Jack Breakout Cable)
Environmental	-40°C to +85°C (-40°F to +185°F)** Humidity: 5 to 95%, non-condensing **Pending Thermal Validation	Status LEDs	2x Link, 2x Activity, Power OK
Power Consumption	3W		



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