



## Mini PCIe GbE

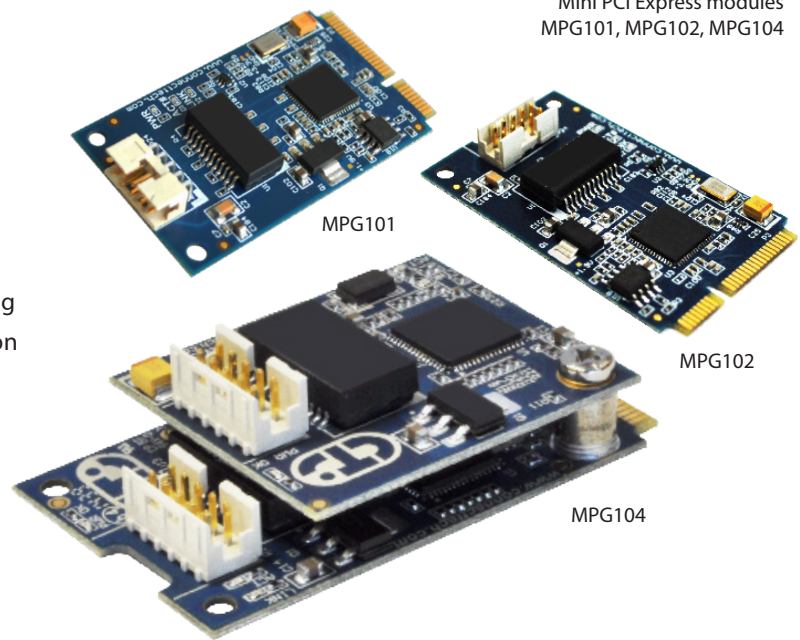
Connect Tech's MPG100 series boards are rugged, low cost Gigabit Ethernet Mini PCIe modules that are ideal for adding extra Ethernet capabilities to any system with minimal increase in overall system size and power consumption.

The modules utilize PCIe signaling which allows it to be used in any Mini PCIe socket that supports PCIe. The wide operating temperature, latching Ethernet connector and cabling solution allows these modules to be used in harsh environments.

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

### Product Names & Part Numbers:

Mini PCI Express modules  
MPG101, MPG102, MPG104



## 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*
- ✓ *Compatibility with a large variety of popular operating systems*
- ✓ *Easily integrated into a wide array of new and existing systems*
- ✓ *Extended Temperature Range -40° C to 85° C*

Specifications			
Product Number	MPG101/MPG111	MPG102/MPG112	MPG104
Dimensions	50.95 mm x 30 mm Mini PCIe "Full"	50.95 mm x 30 mm Mini PCIe "Full"	50.95 mm x 30 mm Mini PCIe "Full"
10/100/1000 BASE-T Ports	1	1	2
Connector	Mini Tek, 2mm, 2x5, Right Angle	Mini Tek, 2mm, 2x5, Vertical	2x Mini Tek, 2mm, 2x5, Vertical
Cables (Optional, not included)	CBG117	CBG117	CBG117
Environmental	-40°C to 85°C Humidity: 5 to 95% non-condensing	-40°C to 85°C Humidity: 5 to 95% non-condensing	-40°C to 85°C Humidity: 5 to 95% non-condensing <small>⚠ requires a minimum air-flow rate of 125CFM to operate reliably at an ambient of 85°C</small>
Status LEDs	LINK, ACTIVITY, POWER OK	LINK, ACTIVITY, POWER OK	LINK, ACTIVITY, POWER OK

**RoHS**

Specifications subject to change without notice.  
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