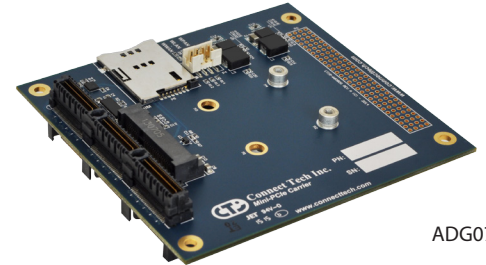


## Mini-PCIe Carrier

Connect Tech's Single and Dual Mini-PCIe Carriers easily enable the integration of a Mini-PCIe Card into a PCIe/104 or PCI/104-Express System. Fully compatible with any Mini-PCIe Peripheral.

These Carriers expand the capabilities of an existing PCIe/104 or PCI/104-Express System, with the ability to add features such as WiFi, GPS, Bluetooth, CAN Bus, and/or Serial Interfaces. The Mini-PCIe Carriers excel in rugged environments and handle a wide Temperature Range of -40°C to +85°C.

**Product Name:**  
Single/Dual Mini-PCIe Carrier  
**Part Numbers:** ADG075, ADG077,  
ADG097, ADG098



ADG075



ADG077

| Specifications                     | Oversized Mini-PCIe Carrier                                   | Dual Mini-PCIe Carrier  |
|------------------------------------|---|---|
| <b>PCB Size / Overall Size</b>     | 90.17mm x 95.885mm<br>(3.550" x 3.775")<br>PCIe/104 Compliant | 90.17mm x 95.885mm<br>(3.550" x 3.775")<br>PCIe/104 Compliant |
| <b>PCIe</b>                        | 1x PCIe x1 Link Required                                      | 2x PCIe x1 Links Required                                     |
| <b>Host USB</b>                    | 1x USB 2.0  | 1x USB 2.0  |
| <b>USB Hub</b>                     | No  | 1x USB 2.0 4-Port Hub   |
| <b>WiFi Control</b>                | 1x FCI 2x4 MiniTek Connector                                  | 2x FCI 2x4 MiniTek Connector                                  |
| <b>Mini-PCIe</b>                   | 1x Oversized Mini-PCIe Modules (75mm x 47mm Mini-PCIe Cards)  | 2x Full Sized Mini-PCIe Modules                               |
| <b>SIM Card</b>                    | 1x SIM Socket   | 2x SIM Socket   |
| <b>Power</b>                       | +3.3V @ 1.0A<br>+1.5V @ 1.0A                                  | +3.3V @ 6.0A<br>+1.5V @ 1.0A                                  |
| <b>PCIe/104 Power Requirements</b> | +5V @ 1.0A (Maximum)  | +5V @ 4.0A (Maximum)  |
| <b>Operating Temperature</b>       | -40°C to +85°C  |   |
| <b>Accessories</b>                 | Cable Kit   |   |

## FEATURES

- ✓ PCIe/104 Compliant
- ✓ On-Board USB Switching
- ✓ Extended Temperature Range  
-40°C to +85°C

| Part Numbers  | Feature Set  |
|---------------|--|
| <b>ADG075</b> | Single Oversized Rugged Mini-PCIe Carrier Without PCI-104 Pass Through |
| <b>ADG077</b> | Dual Rugged Mini-PCIe Carrier Without PCI-104 Pass Through             |
| <b>ADG097</b> | Dual Rugged Mini-PCIe Carrier With PCI-104 Pass Through                |
| <b>ADG098</b> | Single Oversized Rugged Mini-PCIe Carrier With PCI-104 Pass Through    |