Overview

The ConnectPort WAN family of upgradeable 3G routers provides secure high speed wireless connectivity to remote sites and devices. The routers can be used for primary wireless broadband network connectivity to equipment at remote locations, as well as for a backup to existing landline communications. They are ideal for use where wired networks (e.g., leased line/frame relay, ISDN, DSL) are not feasible, or where alternative network connections are required.

Flexible design ensures easy upgradeability via supported PCI Express modules or cards. With an upgradeable wireless network platform, customers are able to quickly migrate to future 3G platforms and beyond. The routers also include Ethernet, serial, USB and sensor ports to connect peripheral devices and TCP/IP network devices, as well as optional Wi-Fi and GPS.

Instant deployment, flexibility to move the connection, and elimination of wiring costs and problems caused by wire breaks make the ConnectPort WAN family ideal for utilities, industrial automation, retail/POS, financial (ATMs), traffic, medical, video surveillance and other applications. Integrated IPsec VPN client/server models are also available for secure connection requirements.

Each router includes Digi Connectware Manager software for easy setup, configuration, reporting and monitoring of large installations. Users can proactively monitor for problem devices and make simple firmware or configuration upgrades to thousands of devices with only a few clicks. With the Digi SureLink feature, users can keep a connection alive via device or server initiated settings. The ConnectPort WAN family also supports the easy-to-use Python environment, giving users a powerful software tool to develop custom applications to run on the router.

Please contact us at 1-800-437-7251 or 952-912-3444 for additional information or to discuss your specific application requirements.
## Features Comparison

<table>
<thead>
<tr>
<th></th>
<th>Special Features</th>
<th>EV-DO</th>
<th>HSDPA</th>
<th>Type of Card/Module Support</th>
<th>Python</th>
<th>Cellular Router</th>
<th>Ports</th>
<th>VPN</th>
</tr>
</thead>
<tbody>
<tr>
<td>ConnectPort WAN VPN</td>
<td></td>
<td>X</td>
<td>X</td>
<td>PC Card, PCI Express Module</td>
<td>X</td>
<td>X</td>
<td>4 Ethernet, 2 USB, 2 RS-232 Serial</td>
<td>X</td>
</tr>
<tr>
<td>ConnectPort WAN Wi (Ad-Hoc Mode)</td>
<td>Wi-Fi, Sensor Port</td>
<td>X</td>
<td>X</td>
<td>PCI Express Module</td>
<td>X</td>
<td>X</td>
<td>1 Ethernet, 2 USB, 1 Sensor, 1 RS-232 Serial</td>
<td>X</td>
</tr>
<tr>
<td>ConnectPort WAN GPS</td>
<td>GPS, Sensor Port</td>
<td>X</td>
<td>X</td>
<td>PCI Express Module</td>
<td>X</td>
<td>X</td>
<td>1 Ethernet, 2 USB, 1 Sensor, 1 RS-232 Serial</td>
<td>X</td>
</tr>
<tr>
<td>ConnectPort WAN Express</td>
<td></td>
<td>X</td>
<td>X</td>
<td>PC Express Card</td>
<td>X</td>
<td>X</td>
<td>4 Ethernet, 2 USB, 2 RS-232 Serial</td>
<td>X</td>
</tr>
</tbody>
</table>

### ConnectPort WAN VPN
- 3G high speed upgradeable Wireless WAN cellular router with integrated IPsec VPN client/server for true end-to-end data protection.

### ConnectPort WAN GPS
- 3G high speed upgradeable cellular router with GPS capability.
- Provides secure wireless connectivity to remote sites and devices.
- Allows efficient tracking of mobile workforce location.

### ConnectPort WAN Express
- 3G high speed upgradeable Wireless WAN cellular router with support for new PC Express Cards/fully enclosed for security and durability (PC Express Card antenna ported to standard SMA connector on outside of enclosure).

### ConnectPort WAN Wi (Ad-Hoc)
- 3G high speed upgradeable cellular router with support for Wi-Fi (802.11b/g) technologies.
- Provides secure high speed wireless connectivity to remote sites and devices.
- Operates in Wi-Fi ad hoc (or peer-to-peer) mode to provide local networking as well as the ability to act as an Internet gateway for multiple devices.
### Features/Speifications

#### Router/Place/Firewall Features
- NAT
- NAT-T (NAT traversal) VPN tunneling
- Port forwarding
- Access control lists (IP filtering)
- IP pass-through
- Virtual Router Redundancy Protocol (VRRP) per RFC 3768

#### VPN Features
- IPSec with IKE/ISAKMP
- Multiple tunnel support
- DES, 3DES and up to 256-bit AES Encryption
- Simple Certificate Enrollment Protocol (SCDP) for X.509 certificates
- VPN pass-through, GRE

#### Management
- HTTP/HTTPS, CLI or Telnet
- Optional secure enterprise management via Digi Connectware Manager

#### Interfaces (Continued)

<table>
<thead>
<tr>
<th>Interfaces</th>
<th>16/32-bit Type 2 PCMCIA Card Slot</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sierra Wireless Aircard</td>
</tr>
<tr>
<td></td>
<td>UMTS/HSUPA/HSUPA/PCMCIA Card</td>
</tr>
<tr>
<td></td>
<td>- 881 - North American Carriers</td>
</tr>
<tr>
<td></td>
<td>- 880 - European Carriers</td>
</tr>
<tr>
<td></td>
<td>- 875 - Worldwide Carriers</td>
</tr>
<tr>
<td></td>
<td>- 860 - North American Carriers</td>
</tr>
<tr>
<td></td>
<td>- 850 - European Carriers</td>
</tr>
</tbody>
</table>

#### PCI Express Module
- Sierra Wireless 5725 Rev A EV-DO - Sprint/Verizon
- DualBand 800/1900 MHz with RX Diversity

#### Security - SSL, SSHv2, FIPS 197 (serial port)

#### Python scripting, custom development environment

#### Upgradeable Interfaces

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power input</td>
<td>9-30VDC</td>
</tr>
<tr>
<td>12VDC power supply</td>
<td>0° C to +60° C (32° F to +140° F) with locking barrel connector included; extended temperature available</td>
</tr>
<tr>
<td>Surge protection</td>
<td>(with included power supply): 4 kW burst (EFT) per EN61000-4-4, 2 kW surge per EN61000-4-5</td>
</tr>
</tbody>
</table>

#### Environmental
- Operating temperature: -30° C to +60° C (-22° F to +140° F)
- Only applicable for devices shipping with embedded module
- Relative humidity: 5% to 95% (non-condensing)

#### Power Requirements
- Ethernet isolation: 1500VAC min per IEEE802.3/ANSI X3.263
- Serial port protection (ESD): +15 kV Air Gap and +8 kV contact discharge per EN61000-4-2

#### Dimensions
- Width: 4.11 in (10.40 cm)
- Height: 1.30 in (3.30 cm)
- Length: 7.75 in (19.7 cm)
- Weight: 1.40 lb (0.64 kg)
- Weight: 1.50 lb (0.68 kg) with a module
Features/Specifications

ConnectPort WAN VPN/Express - Front
- Primary Antenna Connector
- Secondary Antenna Connector (optional)
- Signal Strength LEDs
- Power Input 9-30VDC
- Reset

ConnectPort WAN Wi/GPS - Front
- Wi-Fi/GPS Antenna
- Secondary Cellular Antenna (optional)
- Cellular Link and Activity LEDs
- Diagnostic Power LED
- Power Input 9-30VDC
- Serial Power Port

ConnectPort WAN VPN/Express - Back
- USB (2)
- Ethernet
- Serial

ConnectPort WAN Wi/GPS - Back
- USB (2)
- Ethernet
- Sensor
- Serial

Carrier-Approved

<table>
<thead>
<tr>
<th></th>
<th>AT&amp;T</th>
<th>International</th>
<th>Sprint</th>
<th>Verizon</th>
<th>Generic</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT&amp;T</td>
<td>Embedded PCI Express</td>
<td>Embedded PCI Express</td>
<td>Embedded PCI Express</td>
<td>Embedded PCI Express</td>
<td>Embedded PCI Express</td>
</tr>
<tr>
<td>AT&amp;T MC8775 Module</td>
<td>MC8775 Module</td>
<td>Sprint MC5725 Module</td>
<td>Verizon 5725 Module</td>
<td>Generic MC8775 Module</td>
<td></td>
</tr>
<tr>
<td>(1 cellular antenna included)</td>
<td>(1 cellular antenna included)</td>
<td>(2 cellular antennas included)</td>
<td>(2 cellular antennas included)</td>
<td>(1 cellular antenna included)</td>
<td></td>
</tr>
</tbody>
</table>

ConnectPort WAN VPN
- CP-WAN-B302-A
- CP-WAN-B309-W
- CP-WAN-B310-A
- CP-WAN-B311-A
- CP-WAN-B301-A
- (1 Wi-Fi desktop antenna, 2.4 GHz)

ConnectPort WAN Wi
- CP-WAN-W402-A
- CP-WAN-W409-W
- CP-WAN-W410-A
- CP-WAN-W411-A
- CP-WAN-W401-A
- (For PC cards, no PC card included)

ConnectPort WAN GPS
- CP-WAN-G402-A
- CP-WAN-G409-W
- CP-WAN-G410-A
- CP-WAN-G411-A
- CP-WAN-G401-A
- (1 magnetic mount GPS antenna)

Cellular-Ready

<table>
<thead>
<tr>
<th></th>
<th>North America</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>ConnectPort WAN VPN</td>
<td>US Power Supply and 1 Cellular Antenna Included</td>
<td>International Power Supply and 1 Cellular Antenna Included, No Power Cord</td>
</tr>
<tr>
<td>(For PCI Express cards, no module included)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ConnectPort WAN VPN</td>
<td>CP-WAN-A300-A</td>
<td>CP-WAN-A300-W</td>
</tr>
<tr>
<td>(For PCI Express modules, no module included)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ConnectPort WAN Express</td>
<td>CP-WAN-X400-A</td>
<td>CP-WAN-X400-W</td>
</tr>
<tr>
<td>(For PCI Express cards, no card included)</td>
<td>(Coming Soon)</td>
<td>(Coming Soon)</td>
</tr>
</tbody>
</table>

DIGI SERVICE AND SUPPORT - You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. www.digi.com/support