



# PORT NETWORKS



## Commercial Fixed Wireless

### KEY POINTS:

- Port Networks uses wireless technology to connect you to the Internet without using telecom lines
- We can get your company connected to the Internet in as little as two weeks
- Our rates for Internet access are about half of what the phone company charges
- A wireless backup feed protects you against cable cuts and phone company outages

Port Networks can provide highly reliable business Internet access to your company for about half what the phone company charges, regardless of whether your building is currently served by fiber. We use dedicated, licensed wireless links to deliver bandwidth directly to your building – or to link two of your buildings – at speeds up to 1 Gigabit per second.

### Benefits of Wireless Service

On new installations, we can save you both money and time. In most locations, we can activate a link in less than two weeks, instead of the two to three months required for a phone company installation.

Even if you're currently connected to the Internet through a line from the phone company, a wireless link from Port Networks gives you a vital backup option in case of a cable cut or central office outage.

Whether you use us as your primary or backup connection, you can always step up the capacity of your link with a simple phone call to our Network Operations Center. Unlike the phone company, we're happy to develop a custom solution that works for you, and we can usually upgrade you from 10Mbps to 100Mbps in a single day.

### State-of-the-Art Technology

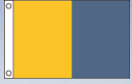
Port Networks operates communications equipment from BridgeWave, the leading supplier of gigabit RF connectivity solutions for service provider, government, military and enterprise applications. Unlike 5GHz equipment that is susceptible to interference in urban environments, our 60GHz and 80GHz systems offer highly secure, narrow antenna beamwidths that are virtually interference-immune.

Our equipment supports full rate, full duplex Fast Ethernet or Gigabit connections with the low latency and high availability of fiber. Every system from BridgeWave is subjected to rigorous HALT/HASS testing, and is capable of up to 99.999% availability with a 28-Year MTBF.

Because our links connect directly to standard network equipment, require only low voltage power cabling, and feature an all-outdoor, compact design, they can be installed in just hours. We're the ones to call when you need bandwidth or a point-to-point link in a hurry.

### About Port Networks

Port Networks operates wireless links that serve homes, businesses, and government facilities. Our company is a full service Internet Service Provider (ISP), headquartered in the World Trade Center of Baltimore. Our Network Operations Center is served by redundant feeds connecting to the Level 3, Cogent, MCI, and Qwest networks. All systems are monitored 24x7, and we perform our own NOC and field service operations.



# PORT NETWORKS



Short-Range  
Wireless Transmitter  
(12" diameter)



Extended-Range  
Wireless Transmitter  
(24" diameter)

## Bandwidth Pricing

# \$49 per Mbps

Transport Pricing	0-1 Mile	1-2 Miles	2-10 Miles
1 Mbps	\$150	\$150	\$250
2-4 Mbps	\$250	\$250	\$450
5-8 Mbps	\$450	\$450	\$950
10-100 Mbps (Fast Ethernet)	\$950	\$1,950	\$1,950
1000 Mbps (Gigabit Ethernet)	\$2,950	\$3,950	\$5,950

Above pricing is based on a 36-month contract, and does not include installation charges, which vary by location but are typically equivalent to one month of service. Short-term pricing is also available, please ask for details.

## Applications

<b>LAN Extension</b>	Extends LAN backbones between buildings
<b>First/Last Mile</b>	Supports high-speed access services
<b>Metro Area Network (MAN)</b>	Complements/extends metro fiber
<b>Server Consolidation</b>	Enables centralization of IT facilities
<b>Spatial Diversity</b>	Redundant paths for mission-critical applications
<b>Fast &amp; Flexible</b>	Temporary & disaster-recovery connectivity
<b>Fiber Alternative</b>	Offers fiber-equivalent performance, security and reliability

## Configurations

<b>Point-to-Point</b>	Direct connections to a single building
<b>Hot Standby</b>	Emergency service capability (call to activate) at discounted monthly rates
<b>Multi-Hop Repeater</b>	Long-range links between facilities, with or without Internet bandwidth
<b>Hub &amp; Spoke</b>	Inter-building connections or campus networks
<b>Ring</b>	Cross-campus connections or regional links