

## 简洁型集成天线回程解决方案，工作频段在5.900 - 6.425 GHz。

Proxim推出Tsunami Quickbridge<sup>®</sup> 826系列，这是一款极具成本效益的非视距点对点 (PtP) 无线回程解决方案。凭借这种完整的“Hop-in-a-Box”解决方案，可提供高达100 Mbps的数据处理量，各种规模的部署将享有快速的投资回报。

Tsunami Quickbridge<sup>®</sup> 826系列具有出色的频谱效率和专为语音，视频和数据应用量身定制的高度优化的优先级平台，可满足运营商，无线服务提供商和政府机构对5.900 - 6.425 GHz频段高性价比，高性能无线回程的要求。

### 世界级性能

- 外形小巧，室外IP67级金属外壳
- 提供15 dbi集成天线
- 处理量为100Mbps，最大数据速率为300Mbps
- 提供灵活的信道规划，支持5.900至6.425 GHz
- 配备2x2 MIMO高功率无线电，发射功率为25 dBm
- 允许灵活的服务层带宽分配
- 频谱分析功能有助于研究干扰频带，并选择干扰相对较低的信道

### 具有安全功能的一体化链接

- 内置功能丰富的网络协议，用于桥接和路由
- 通过AES-128高级加密保护无线传输
- 无线电相互认证消除了伪端点和中间人攻击对系统的未授权使用
- MAC，以太网类型，IP地址包过滤提供精细的网络安全性
- 使用Proxim的无线室外路由协议 (WORP<sup>®</sup>) 来防止窥探
- 通过SSL, SSH和SNMPv3实现高度安全的远程管理

### 降低无线ISP的成本

- 低成本捆绑包括无线电和安装套件，提供业界最有优势的价格点，使任何部署都能享受快速的投资回报
- 全球免授权频段提供可靠的无线宽带，无需高额许可频率费用
- 作为一个完整的“Hop-In-A-Box”简洁型户外外形，提供前所未有的轻松安装
- 高级正交频分复用技术 (OFDM) 提供的非视距功能以及2x2 MIMO可轻松部署在一些具有挑战性的领域



## 关于Proxim Wireless

Proxim Wireless是全球先进的Wi-Fi、点对点、点对多点户外无线系统的先驱和领头羊，该系统用于建立关重要任务和高度可用性通信。

Proxim公司拥有超过30年的无线电方面的经验，以其无与伦比的可靠性，卓越的性能和创新动力而闻名。

## 规格

PRODUCT MODELS					
QB-826-LNK-100	Tsunami QB 826 Link, 100 Mbps, MIMO 2x2, 15dBi integrated antenna (Two QB-826-EPR-100)				
INTERFACES					
WIRED ETHERNET WIRELESS PROTOCOL	One auto MDI-X RJ45 10/100Mbps Ethernet with PoE in WORP® (Wireless Outdoor Router Protocol)				
RADIO & TX SPECS					
MIMO MODULATION OPERATING FREQUENCY CHANNEL SIZE DATA RATE TX POWER TX POWER CONTROL	2x2 MIMO OFDM with BPSK, QPSK, QAM16, QAM64 5.900 – 6.425 GHz (Subject to Country Regulations) 40 MHz, 20 MHz, 10 MHz, 5 MHz channel bandwidths MCS 0 to 15 for High Throughput mode (6.5 – 300 Mbps) with Dynamic Data Rate Selection Up to 25 dBm (dual chain) 0 – 20 dB, in 0.5 dB steps. Automatic TPC with configurable EIRP limit				
	<b>Channel Size</b>	<b>40 MHz</b>	<b>20 MHz</b>	<b>10 MHz</b>	<b>5 MHz</b>
RX SENSITIVITY (PER=10 <sup>-6</sup> )	MCS 0	-90dBm	-93dBm	-97dBm	-100dBm
	MCS 7	-70dBm	-73dBm	-75dBm	-78dBm
	MCS 8	-88dBm	-91dBm	-94dBm	-96dBm
	MCS 15	-66dBm	-69dBm	-71dBm	-74dBm
OTHER	Dynamic Channel Selection (DCS) based on interference detection Automatic Transmit Power Control (ATPC) with EIRP limit support				
ANTENNA					
	Integrated 15 dBi dual Polarized (H+V) panel antenna				
MANAGEMENT					
REMOTE SNMP OTHER	Telnet and SSH, Web GUI and SSL, TFTP, SNMPv3 SNMP v1-v2c-v3, RFC-1213, RFC-1215, RFC-2790, RFC-2571, RFC-3412, RFC-3414, Private MIB Syslog, sFlow™ agent, SNTP and local time, Spectrum analyzer				
SECURITY					
ENCRYPTION AUTHENTICATION	AES-CCM 128 bits Internal MAC Address Control List, Radius based Authentication (with VLAN and QoS provisioning)				
QoS					
Asymmetric Bandwidth Control	UL and DL CIR Control “committed information rate” per service flow UL and DL MIR Control “maximum information rate” per service flow				
Packet Classification Capabilities Scheduling	802.1D/802.1Q/802.1p priority, IPTOS, VLAN ID, IP source/destination address, source/destination port, Ethernet source/destination address, IP protocol, and Ethertype Best Effort, Real Time Polling Services				
NETWORK					
MODES IP STACK THROUGHPUT GATEWAY FEATURES VLAN	Bridging, Routing (RIP v2 and IP tunneling) IPv4 and IPv6 simultaneously Up to 100 Mbps DHCP Server & relay, NAT with Std ALGs 802.1Q: Management VLAN. Transparent, Access, Trunk and Mixed mode. QinQ double tagging				
POWER CONSUMPTION					
	6 Watt typical (15 Watt max)				
ENVIRONMENTAL SPECS					
	<b>OPERATING TEMPERATURE</b>	<b>STORAGE TEMPERATURE</b>	<b>HUMIDITY - Water &amp; Dust Proof</b>	<b>WIND LOADING</b>	
	-40° to 55°C (-40° to 131° Fahrenheit)	-55° to 70°C (-67° to 158° Fahrenheit)	Max 100% relative humidity (non-condensing) - IP67	180 km/h (112 mph)	
PHYSICAL SPECS					
	<b>DIMENSIONS PACKAGED</b>	<b>DIMENSIONS UNPACKAGED</b>	<b>WEIGHT (PACKAGED)</b>	<b>WEIGHT (UNPACKAGED)</b>	
MP-820-BSU-100/SUA-50+/ SUA-100	13.97 x 8.86 x 6.92 in (355 x 225 x 176 mm)	4.96 x 8.62 x 2.58 in (126 x 219 x 65.5 mm) – Each End Point	9.8 lbs (4.45 Kg)	2.1 lbs (0.950 kg) – Each end point	
SAFETY STANDARDS					
	UL 60950-1/22				

PACKAGE CONTENTS	
	<ul style="list-style-type: none"><li>• One Tsunami® QB-826-LNK-100 with integrated antenna (Two Tsunami® QB-826-EPR-100 )</li><li>• Two 20 W power injector and country specific power cord</li><li>• Two basic Pole mounting kit</li><li>• Two Connector weatherproofing kit (Includes all recommended weatherproofing material)</li><li>• Two Grounding kit</li><li>• Two Quick Installation Guide</li></ul>
MTBF & WARRANTY	
	MTBF over 200,000 hours & 2-year warranty with ServPak Extended Support available