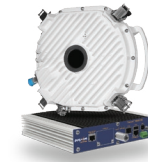


At-a-Glance

Point-to-Point product portfolio



Product	Tsunami® QB-8200, 8250	Tsunami® QB-8100, 8150, 8150-LNK-100	Tsunami® QuickBridge.11 Series	Tsunami® GX800
Description	The Tsunami® QB-8200 series, is a high power, extremely reliable and a cost-effective, non-line-of-sight 4G point-to-point (PtP) wireless backhaul solution	Next generation, economical wireless connectivity for large scale deployments	Tsunami® QuickBridge.11 is a cost effective solution for large scale wireless deployments	Tsunami® GX800 is a high speed Point-to-Point (PtP) licensed microwave product capable of operating with more than 600Mbps aggregate throughput capacity
Applications	<ul style="list-style-type: none"> • Backhaul links for video, voice and data networks • Repeater to extend coverage • Inter PoP redundancy 	<ul style="list-style-type: none"> • 100, 300Mbps wireless backhaul link for video, cellular voice and data networks • Repeater to extend distance or overcome path blockage • Inter-POP redundancy 	<ul style="list-style-type: none"> • Video, Voice and Data networks • Broadband last-mile connectivity for metropolitan and rural areas • WISPs, wireless video surveillance • Enterprise, Campus networking 	<ul style="list-style-type: none"> • Remote Point of Presence for ISP's • Enterprise LAN and building-to-building networks • Backhaul for Internet service provider networks
Environment	<ul style="list-style-type: none"> • Intelligent transportation system • Video surveillance • Last mile • Emergency first responder • Enterprise campus connectivity • Health care • Carriers and WISPs 	<ul style="list-style-type: none"> • Carrier & WISP networks • Government and public safety networks • Video Surveillance networks 	<ul style="list-style-type: none"> • Video Surveillance networks • WISPs and Carriers backhaul • Government and public safety networks 	<ul style="list-style-type: none"> • Wirelss ISP's and Carrier Backhaul • Enterprise networks • Municipal broadband networks
Key Features	<ul style="list-style-type: none"> • 25.8 dBm high power radio • Easy and quick installation • Dual Gigabit Ethernet with PoE out • IP 67 Grade • Zero effort management 	<ul style="list-style-type: none"> • Supports 2x2, 3x3 MIMO smart antenna technology which significantly improves link performance • Dual Gigabit Ethernet ports with PoE out to power other external devices like surveillance cameras • 128-bit AES encryption 	<ul style="list-style-type: none"> • License free operation • Cost Effective • OFDM • Up to 128-bit AES encryption • Complete "hop-in-a-box" ensures easy installation and quick return on investment 	<ul style="list-style-type: none"> • 6-38 GHz Frequency band support • Wide band support from 7-56MHz RF Channel Bandwidths • Supports QPSK/16QAM/32QAM/64QAM/128QAM/256QAM modulation schemes • High Tx Power radio- 27dBm • Low noise figure, low phase noise and high linearity • Very high frequency stability +/- 5 ppm
SPECIFICATIONS				
Frequency Band	• 4.900 – 5.925	• 2.3 – 2.5 GHz • 4.9 – 6.0 GHz (Subject to Country Regulations)	• 5 to 6.1 GHz	• 6-23 GHz
Duplex Method	• TDD	• TDD	• TDD	• FDD
Aggregate throughput	• 246Mbps (3X3 MIMO)	• 218, 100Mbps	• 29Mbps	• 622Mbps
QoS	• 802.16d QoS	• 802.16d QoS	• 802.16d QoS	• 802.16p QoS
Form Factors	<ul style="list-style-type: none"> • Outdoor Unit with three N-type antenna connectors (8100) • ODU, Integrated 23dBi dual polarity antenna (8250) 	<ul style="list-style-type: none"> • ODU, Three N-type Antennas Connectors or Integrated 23dBi dual polarity antenna • ODU, Integrated 23dBi dual polarity antenna (8150, 8150-LNK-100) 	• ODU, Integrated 23dBi antenna	<ul style="list-style-type: none"> • ODU features standard direct 'slip fit' mounting • IDU: Compact and lightweight design, the smallest IDU in its class