Proxim Wireless At-a-Glance
Point-to-Point Portfolio

PRODUCT	GigaLink® Series	Lynx®.GX Series	Tsunami®.GX Series	TeraBridge™ Series	QuickBridge®.11 Series
Description	Carrier and enterprise-class altenative to fiber – up to Gigabit speed	Cellular voice and data backhaul	Carrier-class IP Ethernet bridge for voice and data backhaul	Municipal-class broadband wireless bridge	High-capacity "hop-in-a-box" Ethernet bridge for campus, small business and muni networks
Applications	• Campus LAN extension • Gigabit last-mile access • Gigabit Ethernet redundant link • Extension of fiber network	• PBX campus extension • High-capacity voice network redundancy	• Enterprise LAN and building-to-building network extensions • Backhaul for municipal broadband and service provider networks • ISP remote POP	• Municipal or service provider backhaul • Enterprise metropolitan or regional network • School district access sharing	• Backhaul to central POP • Repeater to extend distance or overcome path blockage in wireless broadband network • Inter-POP redundancy to avoid downtimes caused by wireline backhaul failure
Environments	• Enterprise networks • Service provider networks	• Cellular service providers • Enterprise circuit-switched networks	• Enterprise networks • Service provider networks • Municipal broadband networks	• Municipal broadband networks • Enterprise networks • Education markets	• Enterprise campus networks • Service provider networks • Public safety networks
Key Features	• Available in Gigabit Ethernet, Fast Ethernet and SONET versions • License-free (in U.S.), low congestion frequency band (60 GHz) ranges up to 1 km • Licensed 74 GHz E-band delivers connectivity up to 8 km • Narrow beamwidth and proprietary RF protocol maximize security	• High-capacity, license-free, cost-effective connectivity in a variety of telecommunications interfaces • Carrier-class reliability: 99.999% • Indoor-only or indoor/outdoor installation options provide deployment flexibility	• High-capacity, license-free and cost effective • Guaranteed capacity from 16 Mbps to 102 Mbps full duplex • Carrier-class reliability: 99.999% • Indoor-only or indoor/outdoor installation options provide deployment flexibility	• Available in 45 Mbps (90 Mbps aggregate), full duplex version • License-free radio operation in the UNII 5.3 GHz range for short to medium ranges or ISM 5.8 GHz bands for up to 40 miles with a choice of either DS3 or Ethernet interface	• Delivers 1.5 to 54 Mbps data rates • Supports 5/10/20 MHz channels designed to mitigate radio interference in unlicensed frequency spectrums • High-capacity, WiMAX QoS • Complete "hop-in-a-box" ensures easy installation and quick return on investment
SPECIFICATIONS					
Frequency Band	• 57.05 - 64 GHz • 71 - 76 GHz (7451e only)	• 5.725 - 5.850 GHz	• 5.250-5.350 GHz • 5.725-5.850 GHz	• 5.250-5.350 GHz • 5.725-5.825 GHz	• 2.4 - 2.497 GHz • 4.940 - 4.990 GHz • 5.15 - 5.35 GHz • 5.47 - 5.725 GHz • 5.725 - 5.850 GHz
Duplex Method	FDD	FDD	FDD	FDD	TDD
Aggregate Throughput	125 Mbps - 1.25 Gbps	12 Mbps - 50 Mbps	32 Mbps - 216 Mbps	90 Mbps	30 Mbps
Interface	• 100FX • OC3 • OC12 • 1000FX	• T1: DSX1/RJ-45 • E1: BNC • Aux data: Ethernet, RS232	• 10/100 Base-T • 10/100 Base-FX • 2 x wayside T1/E1	• 10/100 Base-T	• 10/100 Base-TX • RJ-45
Form Factors	• ODU with integrated antenna per end point, complete with mounting kit, power supply and management software	• Split-box design, IDU and indoor/outdoor RFU	• Split-box design, IDU and indoor/outdoor RFU	• ODU per end point, complete with mounting kit, power supply and jumper cable	• ODU with integrated antenna per end point; complete "hop-in-a-box" kit including mounting kit, power supply and cable

For detailed technical specifications, please visit **http://www.proxim.com/products/bwa/point/**

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