



## ADSL 2/2+ Ethernet Modem/Router

**Sku: BB2060**

The Gnet BB2060 is a new generation ADSL 2/2+ modem/router that fully complies with ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt), G.992.2 (G.lite), G.992.3 (G.dmt.bis), G.992.4 (G.lite.bis) and G.992.5 (ADSL 2+) ADSL/ADSL 2/ADSL 2+ standards.

The Gnet BB2060 provides enterprises, telecommuters, home and remote office workers high-speed data transmission capabilities at download speeds of up to 24Mbps. The device allows for easy installation, fast deployment and flexible configuration in a variety of network environments.

Compliance with the new ADSL 2+ standards allow users to enjoy higher speeds, greater performance, improved interoperability, better diagnostics and new power management features. Compatibility with original ADSL standards ensures a smooth and economical migration path for customers who plan to upgrade their existing equipment. Supporting a comprehensive set of network protocols and configurations, the Gnet BB2060 is ready to be deployed worldwide as a powerful solution for any high speed Internet access installation.

### Features & Benefits

<b>Performance &amp; Compatibility</b>	Compliance with ADSL 2/2+ (G.992.3, G.992.4, G.992.5) standards provides maximum data transmission speeds of up to 24 Mbps downstream and 1 Mbps upstream.
	Compatibility with original ADSL (G.992.1, G.992.2) standards allows for gradual upgrade of existing networks.
<b>Network Support</b>	Support for multiple encapsulation protocols including RFC1483 Bridging and Routing – MPoA, RFC1577 Routing – IPoA, RFC2364 Routing – PPPoA and RFC2516 Routing – PPPoE enables the BB2060 to operate in a variety of network configurations.
	NAT and DHCP server support enables flexible and efficient use of allocated IP addresses.
<b>Simplicity</b>	Support for VPN tunnel (PPTP, IPSec) pass-through allows remote users to securely connect to a central location.
	Support for ADSL 2/2+ standards enables BB2060 users to benefit from simpler installation procedures, faster start up times, comprehensive diagnostics and power management features.
	Web interface and Telnet management capabilities allow for easy installation and management.

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## Technical Specifications

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<b>ADSL Protocols</b>	ANSI T1.413 issue 2 ITU-T G.992.1 (G.dmt), G.992.2 (G. lite), G.992.3 (G.dmt.bis ADSL 2), G.992.4 (G.lite.bis ADSL 2), G.992.5 (ADSL 2+)  RFC1483 Bridging and Routing – MPoA, RFC1577 Routing – IPoA, RFC2364 Routing – PPPoA and RFC 2516 Routing – PPPoE
<b>Bridging</b>	Bridging features conform to IEEE 802.1D and support spanning tree algorithm and protocol
<b>Routing</b>	RIP version 1 (RFC 1058) and version 2 (RFC 1723), ARP (RFC 1293), NAT and PAT with extensive ALG support
<b>Interfaces</b>	LAN: 1 x RJ-45 10/100 Mbps ADSL: 1 x RJ-11
<b>Speed</b>	Up to 24 Mbps Downstream Up to 1 Mbps Upstream
<b>Range</b>	Up to 22,000 feet
<b>Management &amp; Configuration</b>	TR037 auto-configuration (ILMI), SNMP, DHCP server/relay/client, UPnP (IGD v1), Telnet with CLI, TFTP or FTP for firmware upgrade
<b>Management Interfaces</b>	Local - LAN interface (Telnet or web) Remote – Internet (Telnet or web)
<b>Indicators</b>	Green LED – Status Red LED - Alarm
<b>Power</b>	Input: 120V, 60Hz 20W, Output: 15 VAC, 1A
<b>Environment</b>	Temperature: 0 – 45 C operating, -20 – 85 C storage Humidity: 5% - 95%
<b>Dimensions</b>	160 mm x 115 mm x 35 mm
<b>Safety/Emissions</b>	UL, ULC, FCC part 15 class B, FCC part 68, CE marked for Safety and EMC

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## Contact Information

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### Head Office

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### Montreal Office

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For more information, please visit  
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