



networks@work



DATA SHEET

NetPassage 26G

802.11g Wireless Broadband Internet Gateway

The Compex NetPassage 26G is an IEEE 802.11g wireless broadband router featuring PRISM Nitro™ Technology. With Prism Nitro™ technology, wireless networks can achieve up to 50% higher throughput in pure wireless “G” networks and 300% increased throughput in mixed-mode environments. This feature-rich wireless broadband router allows configuration of advanced features using an easy-to-use web managed interface. Advanced features of the NetPassage 26G include the support of Virtual Servers, Time-Based management, Static Address Translation, VPN pass-through for PPTP and IPsec tunneling traffic, DHCP Server, Parallel Broadband, Pseudo VLAN, NAT & SPI firewall and URL Filtering. Its secure gateway firewall uses NAT technology to conserve expensive public IP addresses while hiding users from the WAN. At the next level, using SPI firewall allows the administrator to restrict and monitor the internet traffic flow into the private network.

PRISM Nitro™ Technology

The NetPassage 26G employs the PRISM Nitro™ Technology capable of increasing throughput of up to 50% in a pure wireless “G” network and 300% increased throughput in a mixed-mode “G” and “B” wireless network. This is made possible with the reduction of data packet collisions and use of advanced algorithms to allow burst-mode transmission in these wireless networks.

Wireless Distribution System

This unique feature allows linking of up to five access points, virtually creating a big network infrastructure that allows desktops or laptops that are connected to NetPassage 26G to share their network resources wirelessly.

Security

The NAT (Network Address Translation) firewall prevents external parties from having direct connection with a private network. With the inclusion of SPI (Stateful Packet Inspection) Firewall, your Internet security is enhanced. SPI provides better control of internet traffic in and out of the private network. You can select from a single preset list of configuration levels: easy, medium, and high. It also provides added flexibility by allowing for custom configurations.

Connectivity

Many users work from home and need to connect to a corporate network using VPN services. The broadband router allows services like video conferencing to pass through to a private network in a hassle-free manner. Mobile users can also easily connect to the Internet via wireless devices through the NetPassage 26G.

Management

A user-friendly web management interface is used for configuration of all the advanced features of the NP26. The built-in DHCP server allows automatic network IP addressing to all workstations. Also available is a hardware reset button allowing for a quick reset to the router’s default settings.

Virtual Server

As a result of NAT, the NP26 allows the setup of virtual servers for HTTP, FTP, or POP3 applications. This supported feature is especially useful for companies hosting their own websites.

Filtering

With URL filtering, users are able to filter off objectionable websites.

Routers

802.11g Wireless Broadband Internet Gateway

DATA SHEET

Features and Benefits

Feature	Benefit
Management	User-friendly web-based management console used for easy configuration.
Wireless Distribution System	Ability to connect up to five access points to form a virtual wired infrastructure that allows sharing of network resources.
Security	The NAT and SPI firewall ensures that your local or private network remains secure from hackers.
Filtering	With URL filtering, users can restrict access to certain websites.
Connectivity	Allows home or office users to connect to the internet via a wired or wireless LAN.

Specifications

<p>Physical Ports Wan: 1 * 10/100 auto-negotiating with Auto MDI/MDI-X Ethernet-based LAN (RJ45) LAN : 4 * 10/100 auto-negotiating with Auto MDI/MDI-X Ethernet-based LAN (RJ45)</p>	<p>IP Protocol Set Dynamic IP addressing, Static IP addressing, DHCP Server, PPPoE, NAT, TCP, UDP, IP, IPCP, PPTP, IPSec, PAP, CHAP, SNTP</p>	<p>LED indicators Power, WAN port status - link, activity LAN port status - link, activity WLAN Connection Status - link, activity</p>
<p>End Station Compatibility Any computer with an Ethernet 10 Base-T interface and an IP-Stack Cable or DSL modem with an Ethernet RJ 45 interface with an active broadband connection from a local telephone company or service provider</p>	<p>Filtering Packet Filtering, URL Filtering</p> <p>Firewall Stateful packet inspection firewall (Subscription service)</p> <p>VPN Support VPN initiation, termination and pass-through for IPsec. VPN termination and pass-through for PPTP</p>	<p>Installation, Configuration and Management Web browser-based administration Pre-set defaults Field upgradeable firmware Save and restore configuration files</p> <p>Environmental Certifications Safety: CE Mark Emissions: FCC part 15 Class B, CISPR 22 EN55022 Class B, EN55081-1, EN61000-3-2, EN61000-3-3, Immunity: EN55024 (IEC 61)</p>
<p>Wireless Performance Standard Compliance: IEEE 802.11g (Draft) - 54 Mbps, 48 Mbps, 36Mbps, 24Mbps, 18Mbps, 12 Mbps, 9Mbps, 6Mbps IEEE 802.11b - 11 Mbps, 5.5 Mbps, 2Mbps, 1Mbps</p> <p>Wireless Modes: Wireless Distribution System</p> <p>Modulation: DSSS, CCK, OFDM</p> <p>Security: 64-bit or 128-bit WEP, Pseudo VLAN</p>	<p>Advanced Features Parallel Broadband to provide load balancing and fail-over redundancy</p> <p>Environment Requirements Operating temperature: 0°C to 40°C Storage Temperature: -20°C to 70 °C Operating Humidity: 10% to 80% relative humidity non-condensing Storage Humidity: 5% to 90 % relative humidity non-condensing</p> <p>Buttons Hardware Reset to Default Settings</p>	<p>Power Requirements Operating Voltage: 3.3 VDC Operating Current: 3A</p> <p>Dimension and Weight Width: 174mm (6.85 inches) Height: 40mm (1.57 inches) Depth: 104mm (4.09 inches)</p>

Ordering Information

NetPassage 26G 802.11g Wireless Broadband Internet Gateway	NetPassage 26G-U-110 (For US & Canada)
	NetPassage 26G-E-220 (For Europe & Asia)
	NetPassage 26G-E-UK (For UK only)
	NetPassage 26G-E-AUS (For Australia only)

Compex Systems Pte Ltd. 135 Joo Seng Road, #08-01 PM Industrial Building, Singapore.
Tel : (65)6286-2086 Fax : (65)6280994

Compex Inc, USA. 4051 E. La Palma Ave., Anaheim, CA 92807, USA.
Tel : (714)630-7302 Fax : (714)630-7302

ReadyLINK Networktechnology GmbH. Albert-Einstein-Straße, 34/M21, 63322 Rodermark, Germany.
Tel : 49(6074)98017 Fax : 49(6074)90668

To learn more about Compex solutions, visit us at <http://www.compex.com.sg> or www.cpx.com

Copyright © 2002 Compex Systems. All rights reserved. COMPEX, the COMPEX logo, and ReadyLINK are registered trademarks of COMPEX Inc. While every effort is made to ensure the information is accurate, Compex does not accept liability for any errors or mistakes which may arise. All specification are subject to change without notice.