



7107-65

Netopia® Ethernet Four-Port High-Performance Wi-Fi Gateway

Full-featured Ethernet Four-Port for the savvy home networker or ambitious small business

Highlights

Four-port Ethernet switch supports single-PC households and home- or small-office networking

Perfect Wi-Fi gateway for a GPON multi-user deployment

Friendly installation for simple setup

Robust security features protect PCs and other networked devices from unwanted intrusions

Advanced features help service providers monetize broadband networks while improving efficiency and reducing costs

Product Overview

Performance Optimized. The Motorola Netopia 7107-65 Ethernet Four-Port Wi-Fi Gateway is designed for the home user who needs to setup a home network for maximum media play or for a small, networked office to conduct essential business activities.

The 7107-65 is the ideal choice for the advanced residential or small business consumer who desires high-speed voice, video, and data services.

The 7107-65 is an ideal Ethernet Wi-Fi gateway for deployment in a Gigabit-capable Passive Optical Network (GPON), DSL, or cable modem environment. The 7107-65 allows users to connect their existing broadband connection to a 10/100 Ethernet WAN port and then use up to four 10/100 Ethernet LAN ports and/or 400mW 802.11b/g integrated Wi-Fi for flexible networking options.

User-friendly Installation

The gateway's friendly installation and ease of use is ideal for consumers who want a gateway that is simple to setup and protects their PC and other networked devices from security threats. Motorola gateways are supplied with an easy-to-use Motorola Wi-Fi installation wizard – an auto Wi-Fi provisioning tool – which seamlessly configures a secure Wi-Fi connection on a user's machine. When the Wi-Fi wizard is finished, a secure, encrypted Wi-Fi connection is established to the gateway, protecting the home and the user.

Service Assurance

The 7107-65 gateway with its advanced features help service providers monetize broadband networks while improving efficiency and reducing costs.

By combining the highest-performing and lowest cost of ownership gateways in the industry, with comprehensive remote management, high-availability, high-reliability, advanced security, easy-to-use Wi-Fi installation and pairing tools, Motorola is offering an all-in-one approach to broadband home networking.

Motorola CPEs are configured to be remotely manageable via industry standard TR-069, which allows the CPE to be interoperable with any ACS solution that follows the Broadband Forum's TR-069/ TR-098 specification.

Motorola gateways include advanced security features such as stateful packet inspection firewall protection, Virtual DMZ, and Denial of Service (DoS) protection. Wi-Fi security mechanisms include 802.11i/WPA2 with Wi-Fi Protected Setup (WPS), MAC Address Filtering, and closed system mode. Motorola's embedded firmware enables Wi-Fi deployments with high levels of quality, reliability, and customer satisfaction, with low operational and support costs for the service provider.



Motorola's Netopia® Gateways are helping service providers lower their carbon footprint by helping them lower energy consumption and being environmentally friendly. Motorola has a global commitment to be part of the solution to climate change, working for years to continually improve the environmental profile of our products, operations and supply chain. We are in step with our customers and their increasing interest in partnering with a company that will help them reduce their environmental impact, while offering compelling products that will help them grow their eco-conscious customer base.

Motorola designed the next generation Netopia portfolio of customer premises equipment (CPE) to minimize its impact on the environment. Motorola's CPE comply with international environmental and energy efficient standards. The portfolio uses ENERGY STAR qualified power supplies and its devices and power supplies are compliant with European Code of Conduct regulations. In addition, the devices and power supplies are lead-free and RoHS compliant. The gateways are also equipped with low power wired and Wi-Fi consumption. The Wi-Fi scheduler auto disables the gateway's Wi-Fi Radio, and the wired Ethernet switch can be set into low power mode when not in use. Finally, all new Netopia CPE use environmentally friendly package designs. The CPE are available in single bulk pack boxes – eliminating the use of suspension plastic and reducing box size – thereby reducing waste and transport costs. Motorola Netopia gateway's packaging is 100% recyclable and is marked with standard recycling codes to make it easier for our customers to identify recycling opportunities.

DATA SHEET

7107-65
Netopia® Ethernet Four-Port High-Performance Wi-Fi Gateway

Specifications

INTERFACES

WAN

10/100 Ethernet, RJ-45

LAN

802.11b/g Wi-Fi
Four-Port 10/100 Ethernet Switch, RJ-45
USB 2.0 Host

EMBEDDED FIRMWARE

Encoding and Access Protocols

IEEE 802.3u
DHCP Client or 802.1x Supplicant Authentication

IP Addressing and Routing

IPv4 (IPv6 Capable)
DHCP Server/Relay
DNS Proxy, Dynamic DNS Support
Multiple Subnet Support
RIP1 & RIP2 and Static Routes

Traffic Management & QoS (Quality of Service)

Network Address Port Translation (NAPT)
Application Level Gateway (ALG) Support
IP Maps (Pinholes)
Diffserv QoS with Weighted Fair Queuing
IGMPv2, IGMPv3 with Fast Leave
IEEE 802.1P/Q VLANs

Security

Stateful Packet Inspection Firewall
Virtual DMZ/IP Pass-through
Denial of Service (DoS) Protection
VPN Pass-through (PPTP, L2TP, IPsec)

Device Management

Two-Level Password Protected Access
Statistics and Log Reporting
Remote Management
TR-069/TR-098, TR-104, TR-111, WebUI, CLI (Telnet),
TR-101, 802.1ag, 802.3ah
Local Management
TR-064, UPnP, WebUI, CLI (Telnet), Captive Portal
Utilities
Ping, Traceroute, Reverse DNS, NTP, Diagnostic
Localization
English, French, German, Italian, Portuguese (Brazil),
Spanish (Latin America)

Wi-Fi

3-D Reach Extreme Wi-Fi

IEEE 802.11b/g
400mW (26dBm) transmit power on all channels

Wi-Fi Characteristics

1x2 Integrated Omni-directional antennas with Diversity

Wi-Fi Features

Multiple BSSID (unique authentication per SSID)
Wi-Fi Protected Setup (WPS)
Wi-Fi Multimedia (WMM), WMM-PS (power save)
Transmit Power Control
Wi-Fi Scheduler

Wi-Fi Security

WEP (64-bit, 128-bit, 256-bit) encryption
802.1x, WPA, WPA-PSK, 802.11i/WPA2, WPA2-PSK,
EAP-TLS, EAP-TTLS, EAP-SIM
Block Wi-Fi Bridging
MAC Address Filtering

INSTALLATION WIZARD

PC
Windows 2000, XP SP2, Vista, and 7
Macintosh
OSX

REGULATORY COMPLIANCE

Americas

UL 60950, CUL, CSA, FCC Part 15 Class B, ICES-003, CEC
Compliant, Energy Star

EMEA

EN 60950, EN 300 328, EN 301 489, RoHS Compliant,
Code of Conduct (CoC) 2008 Compliant

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature

0 °C to 40 °C (32 °F to 104 °F)
20% to 80% (Non Condensing) Relative Humidity

Storage Temperature

0 °C to 70 °C (32 °F to 158 °F)

Power Consumption

Max 1.1A at 12VDC

PHYSICAL SPECIFICATIONS

Dimensions

2 in H x 8.3 in L x 6.8 in W (5 cm x 21 cm x 17.2 cm)

Weight

2.5 lbs (1134g) (unit carton)

Placement

Horizontal desktop or vertical wall mount placement

ORDERING INFORMATION

North America

7107-65-10NA

EMEA

7107-65-20EU

All features, functionality and other product specifications are subject to change without notice or obligation.



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