

The OneGate™ 150 Internet Access System

*Affordable, turnkey, Internet access system
for small businesses*



OneGate



to the Net!

The OneGate 150 turnkey Internet access system gets you on the Net the same day!

Now small businesses can get on the Net, use the Web and e-mail quickly with the same industrial strength reliability and full security that large businesses enjoy. With advanced features like a Web server, e-mail, integrated firewall, integrated router, file transfer and remote management small businesses can operate as BIG businesses on the Net. Advanced VPN software allows remote branch offices and remote users to securely connect via the Net as if on a single LAN.

**Get your business on the Internet
in **3** Easy Steps**

- 1** Plug in your phone line and Ethernet LAN interface to the OneGate 150
- 2** Sign up with your favorite Internet Service Provider (ISP)
- 3** Answer a few simple configuration questions through your Web browser and go!

It's thin!

Thin in costs!

Thin in hassles!

FreeGate's new thin server technology.

What is a thin server? A thin server is a specialized application server optimized for high performance for a specific task. FreeGate has optimized its technology to provide a specialized best-of-breed thin Internet server in a very compact, low-cost hardware/software system with features normally provided on more expensive separate systems.

Your company immediately gains access to the following integrated features:

- **Easy-to-use Web browser interface** designed for non-technical people to manage the system
- **E-mail server** allows every user in your company to have a personal e-mail address to send and receive e-mail securely
- **Web server** enables Web access, Web publishing, and e-commerce
- **Security** with an integrated firewall to protect your company from unwanted intruders
- **Virtual Private Networking (VPN)** use the Internet to enable remote users and branch offices to be securely connected at lower costs than regular dial-up or leased lines
- **FTP server** to provide file transfer services
- **Built-in router** saves you the cost of purchasing from another vendor
- **Remote system management and administration** via an easy-to-use Web browser interface
- **Reliability** built-in: easy swap-in, swap-out of disk drives reduces down time over traditional PC-based systems
- **High speeds** up to 56 kbps* modem service, BRI ISDN and an additional Ethernet interface to connect to external xDSL routers

www.freegate.com

**Toll Free 877-ONE-GATE
877-663-4283**

What makes the OneGate 150 Internet access system different from everyone else?

High Performance

No standard PC-based system can give you the rugged performance you get in a simple-to-use, low cost system like the OneGate 150.

Growth Flexibility

Now you can start up on the Net cost effectively when you have just 2 employees. As your business grows, the OneGate 150 is adjustable to your needs. When your business expands to multiple sites, you can network all sites together using the VPN features of our flagship product, the OneGate 1000. If you need higher speeds, you can smoothly upgrade to the OneGate 1000 with faster performance, redundant memory, and WAN connectivity to T1 (1.5 Mbps) speed that accommodate your growing needs while protecting your investment.

Hardware Specifications

LAN Interfaces	1 10/100 Mbps Ethernet port (RJ-45)
Modem	RJ-11/RJ-45, v.90, MNP4, v.42 Bis
Build-in WAN Interfaces	56 kbps analog modem - v.90, MNP4, v.42 Bis, RJ-11
Optional WAN Interfaces	1 BRI ISDN line - U or S/T interface, RJ-45 1 Ethernet interface to connect with external routers such as xDSL IDSL interface supporting speeds of 64 kbps, 128 kbps, 144 kbps
Hard Disk Drive	1 hard drive, 2.1 GB IDE
Memory	16 MB RAM, expandable to 64 MB
Dimensions	12" x 8.8" x 1.75" (30.5 cm x 22.3 cm x 5 cm)
Weight	10 lbs (4.5 Kg)
Power Requirements	60 watts, 47 - 63 Hz, 90 - 240 VAC
Operating Requirements	Temperature 32 - 104°F (0 - 40°C) Altitude 0 - 14,800 feet (0 - 4,500 meters) Relative humidity 5 - 90% (noncondensing)
Certifications Safety	UL 1950, CUL, EN60950, Industry Canada CS-03, FCC Part 68
EMI/RF	FCC Part 15 - Class B, EN 55022B, EN 50082-1 (CE), VCCI

Software Specifications

Internet Routing	Full IP routing, static and dynamic routing
Dynamic Routing Protocols	RIP v.1, RIP v.2
Multimedia Support	IP Multicast, DVMRP
WAN Protocols	PPP (RFC 1332, 1661), Cisco HDLC, Frame Relay PVC (RFC 1490)
Bandwidth Management	Multilink PPP (RFC 1990), TCP Header Compression, (RFC 1144), Data Compression (LZS STAC), (RFC 1974)
Security	PAP, CHAP (RFC 1994), Callback, Packet Filter Firewall Dynamic Firewall Support for FTP, RealAudio™ and Telnet
Web Server	Apache 1.2 Web server, HTTP/1.1 compliant
E-mail Server	POP3/SMTP e-mail server (unlimited licenses)
File Transfer	Internet FTP, Microsoft's SMB file sharing for drag-and-drop from Windows 95/98 or NT clients
Remote Access VPN	PPTP, MPPE, MPPC (RFC 2118)
Branch VPN	IPSec, (RFC 1826, RFC 1817), DES, Triple DES
Network Management	SNMP, MIB II, FreeGate's Remote Management System
Remote Software Upgrade	Automatic upgrade over the Internet
Remote Maintenance	Service access via built-in modem or over the Internet
Other Services	NAT, DNS, DHCP and XNTP services

* Capable of receiving at up to 56 kbps and sending at up to 31.2 kbps. Due to FCC regulations, receiving speeds limited to 53 kbps. Actual speeds may vary. Requires compatible phone line and server equipment.



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