

# OmniAccess 3500 Nonstop Laptop Guardian Enterprise Gateway Specifications

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The OmniAccess 3500 NLG enterprise gateway is an appliance that deploys at the edge of the enterprise network. It anchors the OmniAccess 3500 NLG cards to the enterprise network, providing VPN termination, access to empowered remote management functions, and a secure pathway to the network back-end systems.

## **CHASSIS:**

Form factor: 1U rack-mount 20-inch deep ATX

## **DIMENSIONS:**

Height: 4.27 cm (1.68 in)  
Width without rails: 43 cm (16.93 in)  
Depth without cable management arm: 50.6 cm (19.92 in)  
Maximum weight: 15.9 kg (35 lb)

## **MOUNTING:**

Fixed mount kit for 2-post or 4-post rack cabinet  
Tool-less slide rail kit supporting optional cable management arm  
Basic slide-rail kit for EIA-310D compatible cabinet

## **NETWORK INTERFACE CONTROLLERS:**

LAN0: Intel® 10/100/1000 82573E Gigabit Ethernet Controller  
Integrated for 10/100/1000 Mb/s full- and half-duplex operation  
IEEE 802.3ab and IEEE 802.3x support  
Optimized transmit and receive queues

LAN1: Intel® 10/100/1000 82541PI Gigabit Ethernet Controller  
Integrated for 10/100/1000 Mb/s full- and half-duplex operation  
IEEE 802.3ab and IEEE 802.3x support  
Jumbo frame support up to 16 KB

## **OTHER CONNECTORS:**

AC Power

2x PS/2 (keyboard and mouse)  
3x USB 2.0 ports  
DB9 serial port  
Video connector

**POWER SUBSYSTEM:**

Auto-switching 350 W power supply  
110 V supply: Rated 100 – 127 Vrms  
220 V supply: Rated 200 – 240 Vrms  
Frequency range: 47 – 63 Hz  
1 system fan and 2 fixed cooling blowers with duct

**MANAGEMENT CAPACITY:**

16K end users

**THROUGHPUT:**

256 Mbps 3DES traffic

**APPLICATIONS:**

OmniAccess 3500 NLG management system  
Active Directory and RADIUS interoperation  
Microsoft SMS integration  
Lumension Security PatchLink Update integration

IPsec secure gateway  
Hardware encryption/decryption  
Internet Key Exchange Version 2 (IKEv2)  
Network Address Translation Traversal (NAT-T)  
Key management algorithms: Diffie-Hellman Groups 1, 2, 5  
Data encryption algorithms: 3DES, AES (128, 192, and 256 bits)  
Message authentication algorithm: HMAC SHA-1

**REGULATORY:**

UL  
FCC Part 15, Class A

**ENVIRONMENT:**

Operating temperature: 10 to 35 °C (50 to 95 °F)  
Non-operating temperature: -40 to 70 °C (-40 to 158 °F)  
Non-operating relative humidity: 95% non-condensing at 30 °C (86 °F)

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**WARRANTY:**

Covered by Alcatel-Lucent one-year limited warranty.