

Eliminate server bottleneck with 2000 Mbps of bandwidth



2 Gbps PCI Gigabit Ethernet Card

GA620

As 100 Mbps Fast Ethernet technology becomes very affordable and widely installed on desktops across businesses both big and small, the information bottleneck is being pushed back to the network server. **NETGEAR**'s GA620 Gigabit Ethernet Card opens up the bottleneck by providing up to 2 Gbps, or 2000 Mbps, of bandwidth. At the same time, the GA620 features CruiseControl to offload the host CPU, freeing the server to perform other tasks.

POWERFUL

Provides network input/output capacity of 1 gigabit per second (2 Gbps in full-duplex mode)—10 times that of Fast Ethernet and 100 times that of Ethernet.

COMPATIBLE

Demonstrated interoperability with all major, IEEE 802.3z-compliant Gigabit Ethernet equipment on the market.

ACCOMMODATING

Includes CruiseControl, a set of functions that offload the host CPU. When traffic load is relatively light, it interrupts the host as soon as a packet arrives in order to maximize response. In heavy traffic, the GA620 aggregates multiple packets before notifying the host.

ELEMENTARY

While the GA620 provides significant state-of-the-art technology, installation is quick and simple. **NETGEAR** provides drivers for WindowsNT™ and NetWare that can be installed in several easy, intuitive steps.



Help is there when you need it!

NETGEAR provides free, 24x7

telephone and e-mail technical

support in English with selected

local language support during

office hours.

www.NETGEAR.com

NETGEAR™

NETGEAR Inc.
4500 Great America Parkway
Santa Clara, CA 95054
USA

Phone: 1-888-NETGEAR
E-mail: support@NETGEAR.com
www.NETGEAR.com

In-Country Phone Support

(24x7 phone support in English, local language support during office hours.)

Australia	1800-787-638	Korea	00308-11-0319
Austria	00800-06384327 (00800-0-NETGEAR)	Netherlands	0800-023-0981
Canada	1-888-NETGEAR	New Zealand	00800-1233-4566
Denmark	808-82179	Norway	800-12041
Finland	0800-111-036	Singapore	001-800-1233-4566
France	0800-77-17-53	Sweden	0200-298-298
Germany	00800-06384327 (00800-0-NETGEAR)	Switzerland	00800-0638-4327 (00800-0-NETGEAR)
Hong Kong	001-800-1233-4566	United Kingdom	020-7216-0014
Japan	0120-66-5402	United States	1-888-NETGEAR
		All Other Countries	+1 801-236-8499

NETGEAR™ is a trademark of NETGEAR, Inc. Windows® is a registered trademark of Microsoft Corporation. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice.
All rights reserved.

October 2000

TECHNICAL SPECIFICATIONS

Network Connection

Duplex SC fiber connector for 62.5/125 or 50/125 micron multimode fiber
Full duplex 2,000 Mbps (1,000 Mbps each way) Gigabit Ethernet

Host Connection

Single slot, short form factor (fits into any 32-bit or 64-bit PCI slot)
PCI card with 64-bit connector
PCI rev 2.1 compliant
Clock speed up to 66 MHz

Standards Compliance

IEEE 802.3z 1000BASE-SX
Gigabit Ethernet

Status LEDs

Link
Data (receive or transmit)

Dimensions

W 16.8 cm (6.6")
D 9.5 cm (3.7")

Weight

104 g (3.8 oz)

Environmental Specifications

Operating temperature: 0 to 55°C
Humidity: 10 to 90% noncondensing
Power Consumption: 14 watts maximum
(2.8A @ +5VDC)

Electromagnetic Compliance

FCC Class B, VCCI Class B, CE

Safety Agency Approvals

UL 1950, CUL, TUV

Warranty

Limited 5 years

PACKAGE CONTENTS

GA620 network card
Installation guide
Reference and driver CD
Warranty card
Support card

SYSTEM REQUIREMENTS

WindowsNT 4.0
Novell Netware 4.1x



D-GA620-001

www.NETGEAR.com

NETGEAR™