

Fire up your network

with gigabit power



16 Port

10/100/1000 Mbps Gigabit Switch

GS516T

Your office network gets gigabit speed to burn with **NETGEAR**'s GS516T 10/100/1000 Mbps Gigabit Switch! Its 16 ports send data at scorching speeds – up to 2000 Mbps per port in full-duplex mode, and every port also features 10/100/1000 automatic speed and full/half-duplex sensing plus Auto Uplink™, making this unmanaged, rack-mountable switch ideal for combining 10, 100, and 1000 Mbps devices. Users can take advantage of the GS516's ability to deliver large amounts of multimedia, image, and video information in no time at all. It's invaluable as a robust and reliable network backbone for your 50- to 250-employee company.

ACCESSIBLE

Plenty of bandwidth for all users, with 16 switched 10/100/1000 ports for PCs, servers, or switches.

SMART

All 16 ports provide automatic speed and duplex sensing, plus Auto Uplink™ to adjust for straight-through or crossover cables and make the right link.

EFFICIENT

Each port delivers network speeds of up to 2000 Mbps per port.

STRAIGHTFORWARD

Easy to set up and easy to use. All ports feature integrated LEDs, so network monitoring couldn't be easier.



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®

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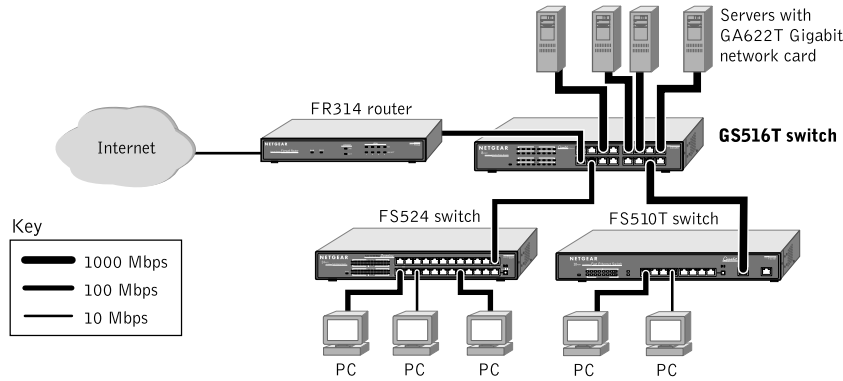
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 www.NETGEAR.com

In-Country Phone Support
 (24x7 phone support in English, local language support during office hours.)

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TECHNICAL SPECIFICATIONS

Network Ports

10/100/1000 Mbps twisted-pair RJ-45 ports

Performance (64 byte packets)

Forward rate (1000 Mbps port):
 1,480,000 packet per sec
 Forward rate (100 Mbps port):
 148,000 packet per sec
 Forward rate (10 Mbps port):
 14,800 packet per sec
 Latency (1000 to 1000 Mbps): 30 µs max
 MAC addresses: 8,000

Power Consumption

70 W maximum
 Localized power cord for North America,
 Japan, UK, Europe, Australia

Standards Compliance

IEEE 802.3i 10BASE-T Ethernet
 IEEE 802.3u 100BASE-TX Fast Ethernet
 IEEE 802.3ab 1000BASE-T Gigabit Ethernet
 IEEE 802.3x Flow Control

Status LEDs

Unit: power
 Per network port: link, activity, full
 duplex/collision, speed

Dimensions

W 330 mm (13")
 D 207 mm (8.2")
 H 43 mm (1.7")

Weight

2.4 kg (5.3 lb)

Environmental Specifications

Operating temperature: 0 to 40°C
 Operating humidity: 90% maximum relative
 humidity, noncondensing

Electromagnetic Compliance

CE mark, commercial
 FCC Part 15 Class A
 VCCI Class A
 EN 55022 (CISPR 22), Class A, EN 50082-1,
 EN 55024
 C-Tick

Safety Agency Approvals

UL listed (UL 1950)/cUL
 IEC950/EN60950
 TUV EN 60950

Warranty

Switch: 5 years
 Power supply: 2 year

PACKAGE CONTENTS

Switch
 Power cord
 Rack-mount kit
 User guide
 Warranty card
 Support information card



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