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 **N E T G E A R**'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.

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NETGEAR®

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
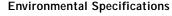IEEE 802.3x Flow Control

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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