

# MicroGST/5 and 8

## 5 and 8 Port 10/100/1000Base-T Desktop Gigabit Ethernet Switches

### Features

- Conforms to IEEE 802.3, 802.3u, 802.3ab and 802.3x, 802.1p
- Automatic MDI/MDIX crossover for all ports
- Memory buffer: 5 Port: 104KBytes, 8 Port: 192KBytes
- N-Way Auto-Negotiation
- Supports Jumbo Frames
- Flow control full duplex
- True non-blocking switching
- Store-and-Forward architecture support
- Fanless design for quiet operation

*Ideal for Core Switch connections!!*



GEP-32005T-1



GEP-32008T-1



PART NUMBER	DESCRIPTION
-------------	-------------

GEP-32005T-1	5 Port 10/100/1000Base-T Desktop Gigabit Ethernet Switch
GEP-32008T-1	8 Port 10/100/1000Base-T Desktop Gigabit Ethernet Switch

Unicom's MicroGST are desktop Gigabit Ethernet switches ideal for solving traffic congestion at the core of the network. They offer auto-negotiation 10/100/1000Base-T Gigabit Ethernet ports that can significantly improve your network backbone performance and will fit into any enterprise level network as an entrance to the backbone switch.

For enterprise networks where large data broadcasts are constantly processed, this switch is an ideal link between departmental switches and the core switch. All workstations can connect to departmental switches and those switches are then connected to the MicroGST/5 and 8 switches. Now all the devices in this network can communicate with each other. Connecting servers to the core switch is important because it allows each workstation to access the server's data.

This switch is designed for backbone connectivity. In the above example, servers, department switches, and workstation are directly connected to the MicroGST switches.



<b>Standard Compliance:</b>	IEEE 802.3 10Base-T Ethernet, IEEE 802.3 10Base-T 10Mbps, Half/Full Duplex IEEE 802.3u 100Base-TX, 10/100Mbps IEEE 802.3ab Gigabit, 10/100/1000Mbps IEEE 802.3x Flow control and Backpressure CSMA/CD
<b>Protocol:</b>	
<b>Max Forwarding and Max Filtering Rate:</b>	14,880 pps - Ethernet, 148,880 pps - Fast Ethernet, 1,488,000 pps - Gigabit Ethernet
<b>Buffer Memory:</b>	5 Port: 104KBytes, 8 Port: 192KBytes
<b>MAC Address Table:</b>	5 Port: 1000, 8 Port: 4000
<b>LED Indicators:</b>	Per port: Link/Activity, Per unit: Power
<b>Cable distance:</b>	100m Max. with Category 3~5e UTP for 10Base-T 100m Max. with Category 5e, 6 UTP for 100Base-TX 100m Max. with Category 5e, 6 UTP for 1000Base-T
<b>Dimensions:</b>	5 Port: 4.3" x 3.3" x 1.05" (W x H x D) 8 Port: 6.25" x 4.12" x 1.05" (W x H x D)
<b>Frame Size:</b>	9K Jumbo Frame
<b>Operating Temperature:</b>	0°C - 40°C (32°F - 104°F)
<b>Operating Humidity:</b>	20% - 85%, non-condensing
<b>Power Supply:</b>	5 Port: 7.5 VDC, 0.7 A; 8 Port: 12 VDC, 1.0 A
<b>Power Consumption:</b>	5 Port - 7.5Watts (Max), 8 Port - 13.2Watts (Max)
<b>EMI:</b>	FCC Class A, CE Mark
<b>Safety:</b>	UL, cUL

