



SMC8505T / SMC8508T

EZ Switch™ 10/100/1000

Standalone 5/8-port 10/100/1000 Unmanaged Switch

OVERVIEW

The SMC family of EZ Switch™ 10/100/1000 Gigabit Ethernet Switches is the perfect solution for bottlenecks in your home or SOHO network. Bottlenecks are the inevitable result when many computers are connected and when data-intensive applications like home movies or digital images are used. SMC's EZ Switches provide a seamless migration to higher-speed networking while solving bandwidth issues. They are designed to allow simultaneous transmission of multiple packets via high-speed data channels.

These unmanaged, gigabit switches are designed for Plug-and-Play installation, featuring auto-MDIX on every port. This means that no crossover cables are required. Every port can either be connected to a PC or another switch for network expansion. Meeting today's diverse networking needs at an attractive price per port, SMC's EZ Switch™ 10/100/1000 Switches are ideal for bringing speed and bandwidth to the desktop at home or in the office.

KEY FEATURES

Support to handle Jumbo Packets

With Jumbo frame support, this switch has faster and more efficient packet forwarding.

Auto-MDIX ports

No crossover cables required, pure plug and play for easy operation.

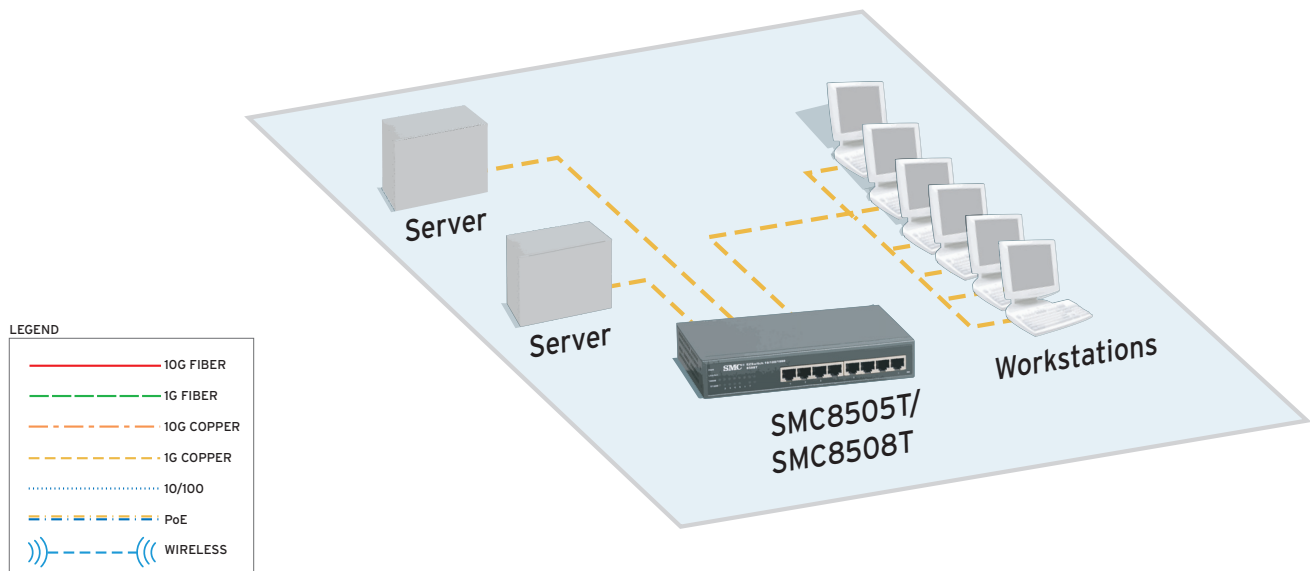
Compact chassis size

The compact, rack mountable metal chassis is ideal for desktop or rack mounting applications. In addition, the lack of fans ensures silent operation.

LED indicators

Simple, at-a-glance LEDs to see port status and for simple troubleshooting.

APPLICATION DIAGRAM



TECH SPECS - SMC8505T / SMC8508T

PORTS

- SMC8505T
 - 5 x 10/100/1000 BASE-T
 - DC power socket
- SMC8508T
 - 8 x 10/100/1000 BASE-T
 - DC power socket

NETWORK INTERFACE

- 10Base-T, UTP/ STP category 3 or 5 cable
- 100Base-TX UTP/ STP category 3 or 5 cable
- 1000Base-T, UTP/ STP category 5 cable, 4 pairs

SWITCH FABRIC

- SMC8505T
 - 10Gbits
 - 7.4Mpps
- SMC8508T
 - 16Gbits
 - 11.9Mpps

BUFFER ARCHITECTURE

- SMC8505T
 - 80KBytes
- SMC8508T
 - 128KBytes

SWITCHING DATABASE

- 8K MAC address entries

LED

- System: Power
- Port: Link/activity, 1000M

POWER CONSUMPTION

- SMC8505T: 9 Watts
- SMC8508T: 15 Watts

POWER REQUIREMENT

- DC input
- SMC8505T: 9/12V, 1A
- SMC8508T: 9/12V, 1/1.25A

DIMENSIONS

- SMC8505T
 - 19.64 x 11.65 x 3.66 cm,
 - 7.76 x 4.6 x 1.44 in
- SMC8508T
 - 18.9 x 9.0 x 3.7 cm
 - 7.4 x 3.5 x 1.47 in

WEIGHT

- SMC8505T
 - 0.60Kg
 - 1.323lbs
- SMC8508T
 - 0.65Kg
 - 0.433lbs

HUMIDITY

- 5% to 95% non-condensing

TEMPERATURE

- Operating:
 - 0 ~ 40 oC
 - 98 ~ 104oF
- Storage:
 - -40 ~ 70 oC
 - -40 ~ 158 oF

IMMUNITY

- EN 61000-4-2/3/4/5/6/8/11

EMISSIONS

- FCC Class B, CISPR Class B, EN 61000-3-2/3

SAFETY

- CSA/NRTL (CSA60950-1 & UL60950-1)
- CB (IEC 60950-1)

COMPATIBILITY

- IEEE802.3
- IEEE802.3u
- IEEE802.3ab
- IEEE802.3x

MTBF

- 8 years

EMC/SAFETY COMPLIANCES

- CE Mark
- EU RoHS Compliant

WARRANTY

- Please check www.smc.com for the warranty terms in your country/region

CONTACT

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