



BLACK BOX[®]

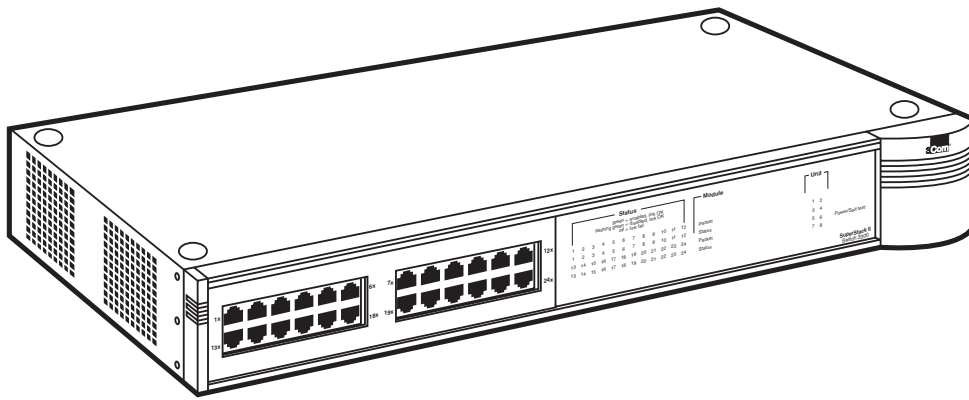
NETWORK SERVICES

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Black Box Corporation.

3Com SuperStack II Switch 1100

3Com SuperStack II Switch 3300

3Com SuperStack II Switch 3900



For desktops or more powerful applications, the ideal switching solution for networks with 10-Mbps and 10/100-Mbps devices.

Key Features

- ▶ *Low price per port for 10- and 10/100-Mbps switches in the same stack.*
- ▶ *Stacks up to four switches high.*
- ▶ *Support for a single stack, rather than a collection of boxes.*
- ▶ *SNMP and RMON management included.*
- ▶ *Select easy-to-use, system-wide graphical management solution with Transcend[®] network management or Web-based management.*
- ▶ *Mix and match 10 and 10/100 Mbps ports to meet your requirements.*

Black Box presents an affordable and scalable switching solution for networks with 10-Mbps and 10/100-Mbps devices.

Perfect for desktop applications, the SuperStack II Switch 1100 and 3300 can be stacked up to four units high for a total of 104 10- and/or 10/100-Mbps ports.

Four Switch models are available:

- Switch 1100 24-Port (3C16950)
- Switch 1100 12-Port (3C16951)
- Switch 3300 12-Port (3C16981)
- Switch 3300 24-Port (3C16980)

Each 1100 model gives you 12 or 24 10-Mbps ports and two 10/100-Mbps ports. With a stack of four, you get up to 104 ports. The 1100 models support up to 6000 MAC addresses.

The 3300 model comes with 12 or 24 10/100-Mbps ports, so a stack of four can give you up to 96 ports—and up to 12,000 MAC addresses.

To stack switches, order the

- Switch Matrix Module (3C16960)
- and
- Switch Matrix Cable (3C16965)
- For connecting to a fibre backbone, order the
- Switch 100BASE-FX Module (3C16970)
- Switch 100BASE-FX Dual Module (3C16971)

The Switches are easy to manage via SNMP based Transcend[®] or Web-based network management.

Ideal for more powerful applications, the SuperStack II Switch 3900s give you advanced features like extensive buffering and trunking.

- Switch 3900 24-Port (3C39024)
- Switch 3900 36-Port (3C39036)

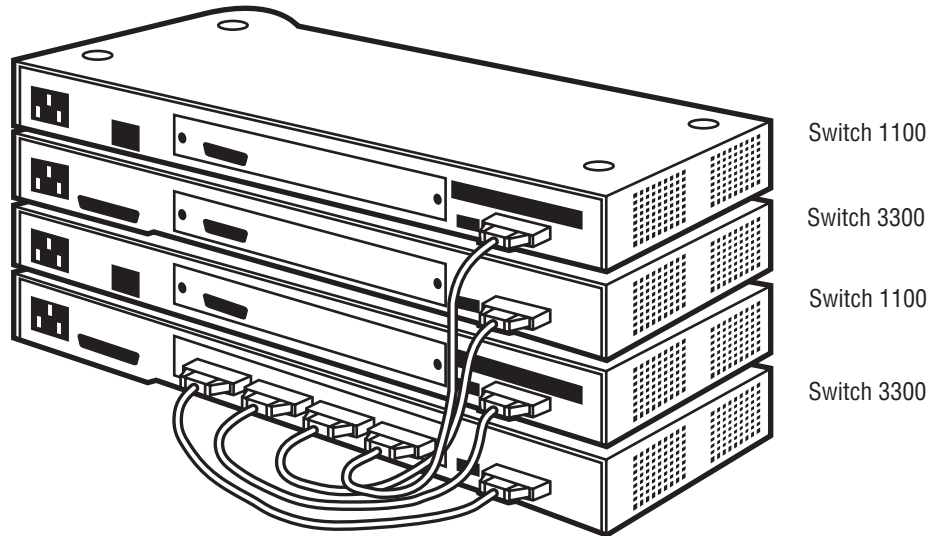
Also included is built-in RMON management support for proactive network management.

Typical Application

Stack up to four desktop switches high for up to 104 10- or 10/100-Mbps ports.

Migrate to Fast Ethernet with the Switch 3900 models.

Mix and match 10- and 10/100-Mbps devices in a single stack.



Technically Speaking

Suited for both workgroup or desktop applications, the 1100 and 3300 Switches can connect to either 10- or 100-Mbps hubs, or directly to end systems.

The 1100 models feature 12 or 24 10BASE-T ports and two Fast Ethernet auto-sensing ports.

The 3300 models feature 10/24 auto-sensing 10/100BASE-TX ports.

All models have a console port for RS-232 command-line interface, Web-based, or SNMP over SLIP management.

Up to four Switches can be mixed and matched in a stack for a total of up to 104 ports. Each stack is managed as a single unit. (To stack units, you need to order a Matrix Module and Matrix Cable for each Switch in the stack.)

What's more, the Switch supports Intelligent Flow Management (IFM), which prevents packet loss, 802.1Q for the creation of Virtual LANs (VLANs), and IGMP Snooping to reduce the amount of multicast traffic on the network, improving overall throughput.

The 3900 Switches offer buffering, trunking support, and virtual networking.

- Extensive buffering handles any port-contention issues. Each Fast Ethernet port has 256 KB of memory for standard-priority traffic and 64 KB for high-priority traffic.
- The Switch supports trunking to provide redundancy between switches.
- VLANs let you organise devices into logical broadcast domains.

Additional equipment you may need:

- Switch Matrix Cable
- Switch 100BASE-FX Dual Module
- Switch 100BASE-FX Module

For these and other components...

Call our expert Technical Support Staff for all your LAN needs. They'll help you find the best equipment for your application.

Ordering Information

This information will help you place your order quickly.

| PRODUCT NAME | ORDER CODE |
|---|------------|
| 3Com SuperStack II Switch 1100, 12-Port | 3C16951 |
| 3Com SuperStack II Switch 1100, 24-Port | 3C16950 |
| 3Com SuperStack II Switch 3300, 12-Port | 3C16981 |
| 3Com SuperStack II Switch 3300, 24-Port | 3C16980 |
| Switch Matrix Module..... | 3C16960 |
| Switch Matrix Cable..... | 3C16965 |
| Switch 100BASE-FX Module..... | 3C16970 |
| Switch 100BASE-FX Dual Module | 3C16971 |
| 3Com SuperStack II Switch 3900, 24-Port | 3C39024 |
| 3Com SuperStack II Switch 3900, 36-Port | 3C39036 |

Specifications

Number of Ports — 3C16950, 3C16951: 26 to 104; 3C16981, 3C16980: 24 to 96; 3C39024: 24; 3C39036: 36

Stacking Capability — Up to 4 units high

Congestion Control — IFM and 802.3x

Multimedia Support — Yes

MAC Addresses Supported — 1100: 6,000; 3300: 12,000; 3900: 16,000

VLAN Support — Yes

Buffer Size — 12-Port 1100: 1 MB; 24-Port 1100: 1.5 MB; 3300: 3.5 MB

MTBF — 12-Port 1100: 762,419; 24-Port 1100: 688,230; 3300: 486,529

Indicators — Ports: Link Status, Packet Activity; Unit: Power, Fail, Activity

Connectors — 3C16951: (12) RJ-45 for 10BASE-T, (2) RJ-45 for 10/100BASE-TX; 3C16950: (24) RJ-45 for 10BASE-T, (2) RJ-45 for 100BASE-TX; 3C16981: (12) RJ-45 for 10/100BASE-TX; 3C16980: (24) RJ-45 for 10/100BASE-TX; 3C39024: (24) RJ-45 for 10/100BASE-TX; 3C39036: (36) RJ-45 for 10/100BASE-TX

Power — 80-264 VAC, 47-63 Hz

Size — 1100 and 3300: 7H x 44W x 27 Dcm (2.8"H x 17.3"W x 10.5"D); 3900: 6.6H x 44W x 30D cm (2.6"H x 17"W x 12"D)

Weight — 1100 and 3300: 4 kg; 3900: 4.5 kg