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DATA SHEET

3Com® SuperStack® 3 Switch 3300 Expandable Configuration

Key Benefits

Affordable
Provides affordable 10/100 switching solutions while offering a cost-effective route to higher speed technology through its expansion slot.

Expandability
Choose from six modules, including fiber Ethernet, Gigabit Ethernet (fiber and copper), and Layer 3 capabilities.

Flexibility
Choose from two models, allowing you to create the optimum configuration of 10/100/1000 switching.

Advanced Stackability
Stack up to four switches together—in any combination—to create one virtual switch.

Investment Protection
These switches work with your existing 3Com® SuperStack® II Switch 1100/3300 units, including the fixed configuration Switch 3300s.

Easy Management
3Com® Network Supervisor (trial copy) is included with every unit. This powerful application lets you discover, map, and monitor your network with ease.

Lifetime Limited Warranty
Ensures peace of mind. Includes fan and power supply. See www.3com.com/warranty for details.

The SuperStack® 3 Switch 3300 offers affordable, high-speed switching with unparalleled ease of installation and support.

3Com's family of expandable, stackable switches is designed to help fast-growing businesses add power and performance to their networks easily, economically, and with minimal disruption. Best of all, all switches include expansion capabilities, so you're ready for future growth when needed.

This expansion slot can provide additional technology such as Layer 3 capabilities, allowing you to increase network performance or provide access to high-speed Gigabit Ethernet connections. With these modules, you can tailor each modular Switch 3300 to your specific requirements at minimal cost.

As with the fixed configuration Switch 3300s, all models are fully manageable out of the box. If you want to extend management across the network, you can use trial copy of 3Com Network Supervisor.

Specifications

	Autosensing 10/100 Mbps Ports	Stacking Connector (Matrix Port)	Module Slot
SuperStack 3 Switch 3300	12	1	1
SuperStack 3 Switch 3300	24	1	1

All switches include:

- Policy enforcement with Fast IP, IGMP snooping, IEEE 802.1D (incorporating 802.1p prioritization), and IEEE 802.1Q standards-based VLANs
- Dual queues to help prioritize multimedia traffic
- Multicast filtering using IGMP snooping/GMRP for more efficient bandwidth utilization for handling video traffic
- Elastic port buffering for on-the-fly port buffer memory allocation, enabling automatic performance optimization based on network traffic
- Standards-based flow control to maximize performance and minimize packet loss under heavy network loading
- Trunking support to aggregate links into a single high-speed connection to other switches or backbone networks
- Automatic detection of full-/half-duplex operation on all ports to maximize performance without manual configuration
- 10/100 ports with autosensing on all ports to adjust automatically to the speed of the attached devices
- Web-based monitoring and control system, embedded Remote Monitoring (RMON), and 3Com Network Supervisor (trial copy), enabling authorized administrators to troubleshoot and configure a switching stack from any location
- Full support of resilient links and spanning tree, as well as optional redundant power supplies

Module Options

Gigabit Ethernet

These Gigabit Ethernet modules support high-performance, fault-tolerant interworkgroup and workgroup-to-backbone connections. The easy-to-install modules provide full-duplex Gigabit Ethernet up to 2 Gbps throughput, eliminating network bottlenecks. They support both 802.1D spanning tree and resilient links.

- The 1000BASE-T module offers a Category 5 copper interface over distances up to 100 meters.
- The 1000BASE-SX module offers a multimode fiber interface over distances up to 550 meters.
- The 1000BASE-LX module offers multimode and single-mode fiber interfaces over distances certified by 3Com up to 10 kilometers.

Fast Ethernet

These modules add a fiber Fast Ethernet backbone link to your switched workgroup. The easy-to-install modules provide full-duplex 200 Mbps throughput over distances up to 2 kilometers of fiber.

- The 100BASE-FX dual port module is an excellent choice for resilient connections in mission-critical networks or when multiple fiber backbone connections are needed to and from the stack.
- The 100BASE-FX single port module is a lower cost option when a single high-speed backbone link can be shared by multiple units in the stack.

Layer 3

The Layer 3 module lets you cost effectively add routing capabilities to your switched 10/100/1000 Mbps workgroups to boost intranet performance and off-load legacy routers of LAN traffic. It allows any 1100 or 3300 modular unit to seamlessly route IP traffic between subnets in addition to switching IPS, AppleTalk, and other legacy protocols. One module can manage routing for the entire stack.

- Extensive standards-based routing protocol support (including RIP & OSPF) allows the switches to operate in any networking environment.
- Distance Vector Multicast Routing Protocol (DVMRP) optimizes multimedia traffic for delivery.

Ordering Information

SuperStack 3 Switch 3300 12 10/100 ports	3C16981A*
SuperStack 3 Switch 3300 24 10/100 ports	3C16980A*
SuperStack II Switch 1100/3300 1000BASE-T Module	3C16978
SuperStack II Switch 1100/3300 1000BASE-SX	3C16975
SuperStack II Switch 1100/3300 1000BASE-LX	3C16973
SuperStack II Switch 1100/3300 100BASE-FX, single port	3C16970
SuperStack II Switch 1100/3300 100BASE-FX, dual port	3C16971
SuperStack II Switch 1100/3300 Matrix	3C16960
SuperStack II Switch Matrix Cable	3C16965

*SuperStack II Switch 1100/3300 modules and accessories can be used on SuperStack 3 Switch 3300s.

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To learn more about 3Com solutions, visit www.3com.com. 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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