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PRODUCT DETAILS



3Com® Baseline Switch
2250 Plus

Product #: 3CBLSF50H

Features, Benefits & Specifications

Affordable, Web-managed 10/100 Ethernet Switching with Gigabit Uplinks

The "smart" 3Com® Baseline Switch 2250 Plus is a web-managed Layer 2 10/100 Ethernet switch. It offers enterprise-class features, customized and priced for small- and mid-sized organizations. With an easy-to-use interface and advanced features (VLANs, IEEE 802.1X authentication and Rapid Spanning Tree), this switch is a cost-effective way to provide a converged network.

Layer 2 Switching with Advanced Features

The Baseline Switch 2250 Plus has forty-eight 10/100 ports and two dual-purpose Gigabit ports (copper or SFP-based fiber) to connect to high-performance computers, servers, or core network backbones.

The switch provides non-blocking performance— all ports perform at wirespeed which helps to eliminate network traffic bottlenecks.

Manual link aggregation allows ports to be grouped together to form an ultra-high-bandwidth connection that greatly expands bandwidth capacity to the network backbone.

This "smart" switch has the features that help build a voice ready network, with support for auto-voice VLAN, SNMP-based

management, IGMP snooping and query and IEEE 802.1X for strengthening security.

The Baseline Switch 2250 Plus also supports Spanning Tree and Rapid Spanning Tree, traffic prioritization, priority queuing and VLANs. These switching features ensure optimal use of available bandwidth as traffic flow is directed according to the needs of the business.

No Switch Setup Required

This Baseline Plus switch is operational straight out-of-the-box; as long as default settings are acceptable, there is no need to configure the switch. If desired, the switch can be configured using a web browser or SNMP management software.

Smart Browser-Based User Interface

For networks that require more control, the switch management interface— completely redesigned to enhance useability— allows even novice users to quickly and confidently configure the switch during initial setup or normal operation.

In addition, the web interface features individual port-traffic monitoring (port mirroring) and a unique, quick-glance switch status review. A cable diagnostic tool lets users troubleshoot basic connectivity problems via the web management interface, further simplifying network installation.

(Please note: this product is not available in all regions- check with your local 3Com reseller or partner.)

- Web-managed Layer 2 10/100 Ethernet switch
- Forty-eight 10/100 ports and two dual-purpose Gigabit ports (copper or SFP-based fiber)
- No need to configure the switch if default settings are acceptable
- If more control desired, the switch interface allows even novice users to quickly and confidently configure the switch
- Switch can be managed with SNMP-compatible software
- VLANs segment the network by grouping users based on their data or traffic requirements, making the best use of available bandwidth
- Voice over IP (VoIP) traffic can be automatically assigned to a voice-dedicated VLAN, optimizing this delay-sensitive traffic
- With manual link aggregation, group ports together to form an ultra-high-bandwidth trunked connection to the network backbone and help prevent traffic bottlenecks
- IEEE 802.1X network access control provides standards-

- based security combined with local authentication
- Rapid Spanning Tree Protocol (RSTP) support improves network compatibility, scalability and availability
- IGMP snooping and query and multicast filtering optimizes network performance
- Easy-to-use browser based tools allow remote detection of cable issues

Product Specifications

- Ports: total of 50 ports, with 48 autosensing 10/100 ports and 2 dual-personality Gigabit port pairs, configurable as 10/100/1000 or SFP
- Layer 2 switching: full-rate nonblocking on all ports, full-/half-duplex autonegotiation, flow control, IEEE 802.1Q VLAN support, IEEE 802.1p traffic prioritization, IGMP snooping; more
- Convergence: 4 hardware queues per port; IEEE 802.1p Class of Service/Quality of Service (CoS/QoS); auto-VLAN assignment for voice traffic; more
- Security: IEEE 802.1X
- Switch management: Web-based configuration, SNMP management, compact CLI for initial switch configuration
- Dimensions:
height 4.4 cm (1.7 in or 1 RU); width 44.0 cm (17.3 in); depth 17.5 cm (6.9 in)
- Weight: 1.7 Kg (3.7 lb)

Package Contents

- switch unit
- power cord
- self-adhesive rubber pads
- rack-mount kit
- user guide
- installation CD
- warranty flyer

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Required Products, Options & Installation and Maintenance Service Options

Required Products

Not Applicable for this product.

Options

[3Com® 1000BASE-SX SFP Transceiver](#)

Product #: 3CSFP91

Adds a 1000BASE-SX backbone link by enabling the SFP slots in selected 3Com switches and modules

[3Com® 1000BASE-LX SFP Transceiver](#)

Product #: 3CSFP92

Adds a 1000BASE-LX backbone link by enabling the SFP slots in selected 3Com switches and modules

Installation and Maintenance Service Options

[3Com® Express Service](#)

One year of advance hardware replacement, telephone technical support, and software upgrades

[Network Installation Service](#)

Installation assistance from setup through training to speed implementation and optimize solution use

[Network Health Check Service](#)

3Com recommends the Network Health Check Service to identify the cause of network problems and to make recommendations for the optimization of the data infrastructure.

[3Com® Guardian Service](#)

One year of on-site assistance, telephone technical support, and software upgrades

[3Com® Network Voice Readiness Assessment](#)

Comprehensive, pro-active assessment that includes a simulation of voice traffic over an existing data network to identify potential VoIP sound quality issues

Related Products

- 3Com® Baseline Switch 2226 Plus

Product # 3CBLSF26H

- 3Com® Baseline Switch 2426-PWR Plus
Product # 3CBLSF26PWRH
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Product Registration

Not Available for this Product

Warranty Information

Warranty information is summarized below.

Terms:

Three (3) years

Other Services With Purchase

Three year advanced shipment of replacement hardware. Same day or next business day shipment, depending upon region in which product was purchased, and time of day Return Material Authorization was submitted.

 [VIEW ADVANCE REPLACEMENT DETAILS](#)

Telephone support during business hours for 90 days

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On-line support with 3Com Knowledgebase, 24x7 for the life of the product

Downloads

Documentation

[S2226_S2250_S2426_v01_00_04_RN.pdf](#)

29Apr2009 112.25 Kb

Release Notes for 3Com Baseline Switch products:
2226-SFP Plus

2250-SFP Plus
2226-PWR Plus

Software version 01.00.04

[3Com_3CBLSF50H_01_00_03 Release Notes.pdf](#)

19Mar2009 138.67 Kb

Release Notes for 3Com Baseline Switch 2250-SFP Plus software
version 01.00.03