

Nortel Networks

BayStack 470-24T

Q. What is the BayStack* 470-24T Switch and what kind of user would benefit from it?

- A.** The BayStack 470-24T 10/100 Mbps Switch is the best-value approach for high-density desktop connectivity in wiring closets of medium and large enterprises seeking a stackable Layer 2 Fast Ethernet solution.

The BayStack 470-24T includes the BayStack operating system Switching Software (BoSS) v3.0 for resilient stacking switches, providing a rich feature set including increased flexibility in stacking, simpler software updates, and enhanced security.

Q. What are the key differentiators of the BayStack 470-24T?

- A.** The BayStack 470-24T Switch differentiates itself in the following ways:
- It is the only stackable 24-port switch on the market with built-in stacking ports eliminating the need for a stacking module. This results in simpler, quicker, and more cost-effective stacking.
 - It offers two built-in GBIC uplink ports—both ports are dedicated for uplink purposes, meaning that the GBIC ports are not sacrificed for stacking.
 - It offers Distributed Multi-Link Trunking (DMLT), a feature that provides resilient connections from different switches in the stack to mission-critical network devices. Using DMLT, you can use up to 16 GBIC ports in a full stack for uplink purposes—the highest in the industry. With Nortel Networks Passport* 8600, the Split Multi-Link Trunking (SMLT) feature allows customers to create multiple active connections from BayStack 470-24T Switches to Passport 8600 Switches.
 - Nortel Networks is the only major vendor with Simple Network Management Protocol (SNMPv3) support offering higher security, user authentication, and data encryption.

Q. Is the BayStack 470-24T compatible with other BayStack Switches?

- A.** Using BoSS v3.0, customers are able to stack the BayStack 470-24T with the BayStack 460-24T-PWR, the BayStack Business Policy Switch, the BayStack 470-48T, and the BayStack 450 Switches.

Up to eight BayStack switches may be combined in a single stack for maximum flexibility.

Q. What value does the BayStack 470-24T bring to existing BayStack 450 and BayStack Business Policy Switch customers?

- A.** The BayStack 470-24T is able to protect customers' existing investment in BayStack 450 and BayStack Business Policy Switch stacks.

The BayStack 470-24T can be added to existing BayStack 450 and BayStack Business Policy Switch stacks, adding built-in stacking and additional uplink capability to the stack. With its 1RU (rack unit) design, the BayStack 470-24T conserves valuable rack space.

Q. How does the BayStack 470-24T fit within Nortel Networks enterprise portfolio?

- A.** With the availability of the BayStack 470-24T and BoSS v3.0, customers have more choice when designing their networks as they are able to mix the combination of switches used in a single stack.

Q. How is the BayStack 470-24T Switch different from the BayStack Business Policy Switch?

A. The BayStack 470-24T has two built-in GBIC ports dedicated for uplink purposes, meaning that it does not need the media dependent adapter (MDA). However, by having the optional MDA, BayStack Business Policy Switch is capable of supporting other types of connection, such as 100BASE-FX.

The BayStack 470-24T has built-in stacking ports that eliminate the need for a stacking module, and is also smaller than the BayStack Business Policy Switch (1U high vs.1.5U high).

Q. Will Nortel Networks discontinue the BayStack Business Policy Switch?

A. Currently, there are no plans to discontinue the BayStack Business Policy Switch as it offers flexibility of different MDAs such as 100BASE-FX and 10/100BASE-TX.

Q. When will the BayStack 470-24T Switch be available?

A. The BayStack 470-24T will be generally available in May 2003.

In the United States:

Nortel Networks
35 Davis Drive
Research Triangle Park, NC 27709
USA

In Canada:

Nortel Networks
8200 Dixie Road,
Suite 100
Brampton, Ontario L6T 5P6
Canada

In Caribbean and Latin America:

Nortel Networks
1500 Concorde Terrace
Sunrise, FL 33323
USA

In Europe:

Nortel Networks
Maidenhead Office Park
Westacott Way
Maidenhead Berkshire SL6 3QH
UK

In Asia:

Nortel Networks Asia
6/F Cityplaza 4,
Taikooshing,
12 Taikoo Wan Road,
Hong Kong



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For more information, contact your Nortel Networks representative, or call 1-800-4 NORTEL or 1-800-466-7835 from anywhere in North America.

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