



## Configuring a Supervisor Engine 32

This chapter describes how to configure a Supervisor Engine 32 in a Catalyst 6500 series switch. This chapter contains these sections:

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- [Supervisor Engine 32 Ports, page 5-2](#)



### Note

- For complete syntax and usage information for the commands used in this chapter, refer to the *Cisco IOS Master Command List*, Release 12.2SX at this URL:  
[http://www.cisco.com/en/US/docs/ios/mcl/122sxmcl/12\\_2sx\\_mcl\\_book.html](http://www.cisco.com/en/US/docs/ios/mcl/122sxmcl/12_2sx_mcl_book.html)
- With Cisco IOS software, this is the minimum required Supervisor Engine 32 memory:
  - 512 MB DRAM on the Supervisor Engine 32
  - 512 MB DRAM on the MSFC2A
- Supervisor Engine 32 has a PFC3B and operates in PFC3B mode.
- The Supervisor Engine 32 is supported in the WS-6503 and WS-6503-E (3-slot) chassis, but not the CISCO7603 chassis.
- With a 3-slot or a 4-slot chassis, install the Supervisor Engine 32 in either slot 1 or 2.
- With a 6-slot or a 9-slot chassis, install the Supervisor Engine 32 in either slot 5 or 6.
- With a 13-slot chassis, install the Supervisor Engine 32 in either slot 7 or 8.
- Supervisor Engine 32 does not support switch fabric connectivity.
- For information about the hardware and software features supported by the Supervisor Engine 32, see the *Release Notes for Cisco IOS Release 12.2SX on the Supervisor Engine 720, Supervisor Engine 32, and Supervisor Engine 2* at this URL:  
[http://www.cisco.com/univercd/cc/td/doc/product/lan/cat6000/122sx/ol\\_4164.htm](http://www.cisco.com/univercd/cc/td/doc/product/lan/cat6000/122sx/ol_4164.htm)

## Flash Memory on a Supervisor Engine 32

The Supervisor Engine 32 supports the following flash memory:

- **disk0:**—One external CompactFlash Type II slot (supports CompactFlash Type II Flash PC cards)
- **sup-bootdisk:**—256 MB internal CompactFlash memory (from ROMMON, it is **bootdisk:**)

## Supervisor Engine 32 Ports

The console port for the Supervisor Engine 32 port is an EIA/TIA-232 (RS-232) port. The Supervisor Engine 32 also has two Universal Serial Bus (USB) 2.0 ports that are not currently enabled.

WS-SUP32-GE-3B ports 1 through 8 have small form-factor pluggable (SFP) connectors and port 9 is a 10/100/1000 Mbps RJ-45 port.

WS-SUP32-10GE ports 1 and 2 are 10 Gigabit Ethernet ports that accept XENPAKs and port 3 is a 10/100/1000 Mbps RJ-45 port.