



## Cisco NCS 560-4 Product Overview

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The Cisco NCS 560-4 Router is a four-rack unit (4-RU), fully-redundant, centralized forwarding system that has:

- two router processor (RSP) slots
- six interface module (IM) slots
- aggregate backplane capacity of 1.8 Tbps, with 25 Gbps-capable SerDes for all IM slots
- support for (2+1) power supplies capable of delivering approximately 1.5 KW power to the chassis
- support for extended temperature based on route processor configuration

For more information on the Cisco NCS 560-4 router, see the *Cisco NCS 560-4 Router Hardware Installation Guide*.

The Cisco NCS 560-4 router supports the following route processors:

- N560-RSP4—a medium-scale route processor
- N560-RSP4-E—a high-performance router processor with an aggregate switching capacity of 800 Gbps.



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**Note** The above route processors cannot be used together in the same router.

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See the *Cisco N560-RSP4 and Cisco N560-RSP4-E Route Processor Hardware Installation Guide* for more information.

- [Command Modes, on page 1](#)

## Command Modes

The command modes are applicable for the Cisco Series Routers. This table lists the command modes for the LXC.

| Command Mode  | Description  |
|---|--|
| XR EXEC mode<br>(XR VM execution mode)                        | Run commands on the XR VM to display the operational state of the router.<br><br>Example:<br><br>RP/0/RP0/CPU0:routerRP0/CPU0:ios#   |
| XR Config mode<br>(XR VM configuration mode)                  | Perform security, routing, and other XR feature configurations on the XR VM.<br><br>Example:<br><br>RP/0/RP0/CPU0:routerRP0/CPU0:ios# <b>configure</b><br>RP/0/RP0/CPU0:router(config)#  |
| System Admin EXEC mode<br>(System Admin execution mode)       | Run commands on the System Admin to display and monitor the operational state of the router hardware. The chassis or individual hardware modules can be reloaded from this mode.<br><br>Example:<br><br>RP/0/RP0/CPU0:router# <b>admin</b><br>sysadmin-vm:0_RP0# |
| System Admin Config mode<br>(System Admin configuration mode) | Run configuration commands on the System Admin VM to manage and operate the hardware modules of the entire chassis.<br><br>Example:<br><br>RP/0/RP0/CPU0:routerRP0/CPU0:ios# <b>admin</b><br>sysadmin-vm:0_RP0# <b>config</b><br>sysadmin-vm:0_RP0(config)#      |