



Overview of Cisco 2600 Series Routers

Table 1-1 lists the router models described in this guide and summarizes the LAN interfaces supported on each model. These router models are similar in functionality, but differ in the number of interfaces that are supported as well as the system specifications. (See Table 1-2.)

Table 1-1 Summary of Cisco 2600 Series LAN Interfaces

Model	Ethernet (10BASE-T)	Token Ring (RJ-45)	Fast Ethernet (10/100)	Network Module Slot	WAN Interface Card Slots	Advanced Integration Module Slots
Cisco 2610	1	—	—	1	2	1
Cisco 2610XM	—	—	1	1	2	1
Cisco 2611	2	—	—	1	2	1
Cisco 2611XM	—	—	2	1	2	1
Cisco 2612	1	1	—	1	2	1
Cisco 2613	—	1	—	1	2	1
Cisco 2620	—	—	1	1	2	1
Cisco 2620XM	—	—	1	1	2	1
Cisco 2621	—	—	2	1	2	1
Cisco 2621XM	—	—	2	1	2	1
Cisco 2650	—	—	1	1	2	1
Cisco 2650XM	—	—	1	1	2	1
Cisco 2651	—	—	2	1	2	1
Cisco 2651XM	—	—	2	1	2	1
Cisco 2691	—	—	2	1	3	2

Hardware Features

In addition to the interfaces listed in [Table 1-1](#), Cisco 2600 series routers include the following hardware features:

- Dynamic random-access memory (DRAM) for main memory and shared memory (Cisco 261x and Cisco 262x routers)
- Synchronous dynamic random-access memory (SDRAM) for main memory and shared memory (Cisco 26xxXM, Cisco 265x, and Cisco 2691 routers)
- Nonvolatile random-access memory (NVRAM) for storing configuration information
- EIA/TIA-232 (RJ-45) console port for local system access by using a console terminal
- EIA/TIA-232 (RJ-45) auxiliary port for remote system access or dial backup by using a modem

[Figure 1-1](#) and [Figure 1-2](#) show examples of Cisco 2600 series routers.



Note

Cisco 2600 series routers are either single rack-unit (1RU) or two rack-unit (2RU) high.



Note

The number and type of interfaces will vary depending on the specific router.

Figure 1-1 Cisco 2600 Series Router Rear Panel—Example of 1RU Router

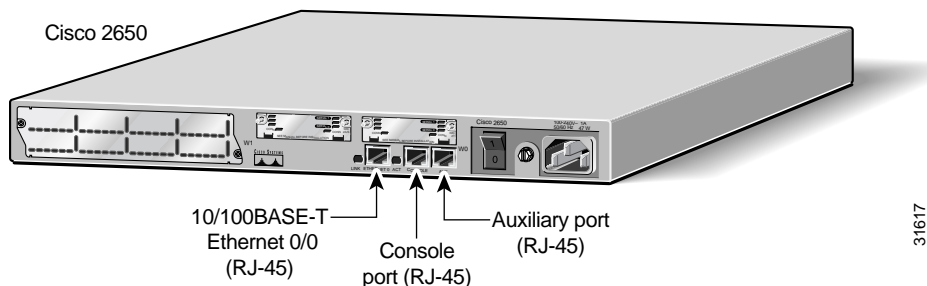
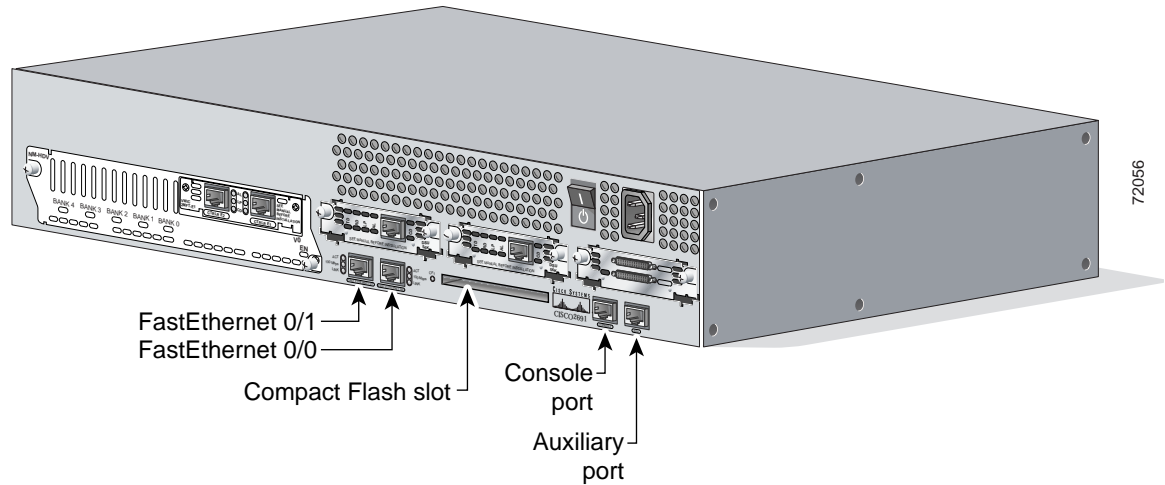


Figure 1-2 Cisco 2600 Series Router Rear Panel—Example of 2RU Router



Module Interface Information

- For information about installing network modules, refer to the *Cisco Network Modules Hardware Installation Guide*, located at: **Cisco Product Documentation > Access Servers and Access Routers > Modular Access Routers Cisco 2600 Routers > Hardware installation documents for Cisco 2600 series > Network module (netmod) installation**
- For information about installing WAN interface cards, refer to the *Cisco WAN Interface Cards Hardware Installation Guide*, located at: **Cisco Product Documentation > Access Servers and Access Routers > Modular Access Routers Cisco 2600 Routers > Hardware installation documents for Cisco 2600 series > Interface card installation**
- For information about installing Advanced Interface Modules, go to: **Cisco Product Documentation > Access Servers and Access Routers > Modular Access Routers Cisco 2600 Routers > Hardware installation documents for Cisco 2600 series > Advanced interface module (AIM) installation**

System Specifications

Table 1-2 Cisco 261x, Cisco 262x, and Cisco 265x System Specifications

Description	Specification
Dimensions (H x W x D)	1.69 x 17.5 x 11.8 in. (4.3 x 44.45 x 30.00 cm), one rack unit
Weight	10.25 lb (4.66 kg)
Input voltage, AC power supply	100 to 240 VAC
Current	1.5A
Frequency	47 to 63 Hz
Power dissipation	75W (maximum), 260 Btus ¹ /hr

Table 1-2 Cisco 261x, Cisco 262x, and Cisco 265x System Specifications (continued)

Description	Specification
Input voltage, DC power supply	–38 to –75 VDC
Current	2.0A
Power dissipation	75W (maximum), 260 Btus/hr
Processor:	
Cisco 261xx routers	40-MHz Motorola PowerQUICC MPC860
Cisco 262xx routers	50-MHz Motorola PowerQUICC MPC860
Cisco 265xx routers	80-MHz Motorola PowerQUICC MPC860P
Cisco 261xxXM routers	40-MHz Motorola PowerQUICC MPC860P
Cisco 262xxXM routers	50-MHz Motorola PowerQUICC MPC860P
Cisco 265xxXM routers	80-MHz Motorola PowerQUICC MPC860P
Operating environment	32 to 104°F (0 to 40°C)
Nonoperating temperature	–40 to 158°F (–40 to 70°C)
Operating humidity	5 to 95 percent, noncondensing
Noise level	38 dBa (minimum)
Regulatory compliance	FCC Class B and Canadian DOC Class A For more regulatory information, refer to the <i>Regulatory Compliance and Safety Information</i> document that accompanied your router.

1. Btus = British thermal units

Table 1-3 Cisco 2691 System Specifications

Description	Specification
Dimensions (H x W x D)	3.46 x 17.07 x 11.20 in. (8.78 x 45.36 x 28.45 cm), two rack unit in height
Weight	15 lb (6.80 kg)
Input voltage, AC power supply	100 to 120, 120 VAC 200 to 240, 230 VAC
Current emissions (AC)	0.93 min. @ 120VAC 60Hz (when loaded at 50% or higher)
Frequency	47 to 63 Hz
Line surge (120 VAC)	160 VAC - 1/2 cycle 140 VAC - 5 cycles
Line surge (240VAC)	320 VAC - 1/2 cycle 280 VAC - 5 cycles
Power dissipation	105W (maximum)
Processor	240-MHz PMC-Sierra RM7061A RISC processor
Console and Auxiliary ports	RJ-45 connector
Operating humidity	5 to 95%, noncondensing
Operating temperature	32 to 104°F (0 to 40°C)
Nonoperating temperature	–40 to 158°F (–40 to 70°C)

Table 1-3 Cisco 2691 System Specifications (continued)

Description	Specification
Noise level	45 dBA (maximum)
Regulatory compliance	FCC Part 15 Class A. For additional compliance information, refer to the <i>Regulatory Compliance and Safety Information</i> document that accompanied the router.
Safety compliance	UL 60950; CAN/CSA C22.2 No. 60950-00; IEC 60950, EN 60950; AS/NZS 3260; TS001

Regulatory Compliance

For compliance information, refer to the *Regulatory Compliance and Safety Information* document that accompanied this device.

