Overview

The Cisco 2800 Series provides significant additional value compared to prior generations of Cisco routers at similar price points by offering up to a fivefold performance improvement, up to a tenfold increase in security and voice performance, new embedded service options, and dramatically increased slot performance and density while maintaining support for most of the more than 90 existing modules that are available today for the Cisco 1700, Cisco 2600, and Cisco 3700 Series.The Cisco 2800 Series features the ability to deliver multiple high-quality simultaneous services at wire speed up to multiple T1/E1/xDSL connections. The routers offer embedded encryption acceleration and on the motherboard voice digital-signal-processor (DSP) slots; intrusion prevention system (IPS) and firewall functions; optional integrated call processing and voice mail support; high-density interfaces for a wide range of connectivity requirements; and sufficient performance and slot density for future network expansion requirements and advanced applications.

Cisco 2811 Router 2800 Series ISR	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	CISCO2811
Product Type	Cisco 2811 Router
Form Factor	External - modular - 1U
Dimensions (WxDxH)	43.8 cm x 41.7 cm x 4.5 cm
Weight	6.4 kg
DRAM Memory	512 MB (installed) / 768 MB (max) - DDR SDRAM
Flash Memory	128 MB (installed) / 256 MB (max)
Data Link Protocol	Ethernet, Fast Ethernet
Network / Transport Protocol	IPSec
Remote Management Protocol	SNMP 3
Features	Cisco IOS IP Base , modular design, firewall protection, hardware encryption, VPN support, MPLS support, wall mountable, Quality of Service (QoS)
Compliant Standards	IEEE 802.3af, IEEE 802.1x
Power	AC 120/230 V (50/60 Hz)

Specification

CISCO2811 data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	CISCO2811
Product Type	Router
Form Factor	Desktop - modular - 1U

Connectivity Technology	Wired
Data Link Protocol	Ethernet, Fast Ethernet
Network / Transport Protocol	IPSec
Remote Management Protocol	SNMP 3
Encryption Algorithm	DES, Triple DES, SSL 3.0, 128-bit AES, 192-bit AES, 256-bit AES
Authentication Method	Secure Shell v.2 (SSH2)
Features	Modular design, firewall protection, hardware encryption, VPN support, MPLS support, wall mountable, Quality of Service (QoS)
Compliant Standards	IEEE 802.3af, IEEE 802.1x
DRAM Memory	512 MB (installed) / 768 MB (max) - DDR SDRAM
Flash Memory	128 MB (installed) / 256 MB (max)
Status Indicators	Link activity, power
Connectivity Slots	
Interfaces	USB : 2 x 2 x 10Base-T/100Base-TX - RJ-45 Management : 1 x console - RJ-45 Serial : 1 x auxiliary - RJ-45
Expansion Slot(s)	4 (total) / 4 (free) x HWIC 1 (total) / 1 (free) x NME 2 (total) / 2 (free) x AIM 2 (total) / 2 (free) x PVDM - SIMM 80-PIN 2 memory 1 (total) / 0 (free) x CompactFlash Card
Power	
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Dimensions / Weight / Miscellaneous	
Width	43.8 cm
Depth	41.7 cm
Height	4.5 cm
Weight	6.4 kg
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, VCCI Class A ITE, IEC 60950, EN 61000-3-3, EN55024, UL 60950, EN50082-1, CSA 22.2 No. 60950, AS/NZ 3548 Class A, FCC Part 15, ICES-003 Class A, EN 61000-6-2, FIPS 140-2, EN300-386, EN 60950-1
System Software	
OS Provided	Cisco IOS IP Base