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

## Specification

CISCO2811 data sheet	
<b>Manufacturer</b>	Cisco Systems, Inc
<b>Manufacturer Part Number</b>	CISCO2811
<b>Product Type</b>	Router
<b>Form Factor</b>	Desktop - modular - 1U
<b>Connectivity Technology</b>	Wired

<b>Data Link Protocol</b>	Ethernet, Fast Ethernet
<b>Network / Transport Protocol</b>	IPSec
<b>Remote Management Protocol</b>	SNMP 3
<b>Encryption Algorithm</b>	DES, Triple DES, SSL 3.0, 128-bit AES, 192-bit AES, 256-bit AES
<b>Authentication Method</b>	Secure Shell v.2 (SSH2)
<b>Features</b>	Modular design, firewall protection, hardware encryption, VPN support, MPLS support, wall mountable, Quality of Service (QoS)
<b>Compliant Standards</b>	IEEE 802.3af, IEEE 802.1x
<b>DRAM Memory</b>	512 MB (installed) / 768 MB (max) - DDR SDRAM
<b>Flash Memory</b>	128 MB (installed) / 256 MB (max)
<b>Status Indicators</b>	Link activity, power
<b>Connectivity Slots</b>	
<b>Interfaces</b>	USB : 2 x 2 x 10Base-T/100Base-TX - RJ-45 Management : 1 x console - RJ-45 Serial : 1 x auxiliary - RJ-45
<b>Expansion Slot(s)</b>	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
<b>Power</b>	
<b>Power Device</b>	Power supply - internal
<b>Voltage Required</b>	AC 120/230 V ( 50/60 Hz )
<b>Dimensions / Weight / Miscellaneous</b>	
<b>Width</b>	43.8 cm
<b>Depth</b>	41.7 cm
<b>Height</b>	4.5 cm
<b>Weight</b>	6.4 kg
<b>Compliant Standards</b>	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
<b>System Software</b>	
<b>OS Provided</b>	Cisco IOS IP Base

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