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Refurbished CISCO PA-MC-4T1 Datasheet

CISCO > ROUTERS

Cisco 7200 Series Routers

Features and Benefits of Cisco 7201	
Feature	Benefit
Performance	Offers up to 2 million packets per second (2Mpps) in Cisco Express Forwarding switching Offers up to twice the performance compared to Cisco 7301 Dramatically increases the performance and scalability of the Cisco 7200VXR Series in WAN and MAN applications for both enterprise and service providers
Modularity	Enables maximum investment protection through the ability to upgrade processors incrementally
Single Cisco 7000 Family Port Adapter Slot	Offers backward compatibility with existing port adapters (with a few exceptions) Maximizes investment protection and flexibility by allowing customers to use existing port adapters, also simplifying sparing Note: Only a few end-of-sale port adapters are not supported with the Cisco 7201; details follow.
Compact Form Factor and Low Power Consumption (85 watts)	Uniquely positioned as one of the fastest 1RU routers in the industry today; customers can maximize router performance where space is constrained Rack and stack" allows customers to maximize the use of space in expensive Internet service provider (ISP) data centers Ideal for a dedicated security or quality-of-service (QoS) appliance at the edge of enterprise networks
Support for Cisco IOS Software	Supports a wide range of IP and non-IP network services, including QoS, MPLS, broadband aggregation, integrated security, encryption, voice, and more
Four built-in GE Ports Directly on the Chassis	Maximizes LAN connectivity and performance without taking up slot capacity High-speed LAN interfaces no longer have to share a PCI bus with port adapters The first two ports provide either RJ45 copper or SFP optical connectivity; the other two ports provide only SFP optical connectivity because of space constraint. The first two ports can also be configured as 10/100 (Ethernet/FE) when RJ45 copper interface is used. (refer to Figure 2)
1 GB of DRAM Default Memory, Upgradeable to 2 GB of DRAM	Supports more routes and routing tables Supports more MPLS virtual routing and forwarding instances (VRFs) Supports more sessions for broadband aggregation Enables higher scalability on features such as NetFlow, Network Address Translation (NAT), access control lists (ACLs), and more Cisco IOS Software Supports a wide range of IP and non-IP network services, including QoS, MPLS, broadband aggregation, integrated security, encryption, voice, and more
Built-in I/O function (Compact Flash Memory, Console Port, Auxiliary Port, and Boot Flash Memory)	Reduces costs
Dedicated Management for 10-/100-Mbps Ethernet	Reduces costs and protects chassis port density
Digital Diagnostics on SFP Interfaces	Provides a powerful tool that monitors many manageable parameters, including optical transmit and receive power, voltage and temperature measurement, and factory parameters
Time Domain Reflectometry (TDR) on Copper Interfaces	Provides an effective method of isolating fault at the remote end of the copper wire by monitoring reflected pulsed signals
One USB port	Supports v1.1 and v2.0 (12-Mbps maximum speed) Provides a large, removable storage for files Stores security e-tokens for VPN applications
Redundant Power Supply with Field-Replaceable Unit (FRU) Capability	Improved reliability
Front-to-Back Airflow	Four fan intakes Efficient heat dissipation

Product Specifications for Cisco 7201 Router

Product	Specifications
Processor	1.67-GHz Motorola Freescale 7448 processor
Performance	2,000,000 pps or more
LAN ports	4 Gigabit Ethernet ports
Gigabit Ethernet Optics	SFP Short wave (SX) Long wave/long haul (LX/LH) Extended wavelength (ZX) RJ-45 copper SFP
DRAM	1 GB default (2 GB maximum)
Compact Flash	64 MB default (256 MB maximum)
Cisco IOS Software Release	12.2(31)SB4, 12.4XD7, and 12.4PI6

Power Requirements of Cisco 7201

Dual AC power supply information	Dual AC Power Supply Information
Input power	150W maximum
Typical input power	85W
Input voltage rating	100 to 240 VAC wide input with power factor correction
Input current rating	2A maximum
Typical input current	0.85A at 100 VAC 0.35A at 240 VAC
Input frequency rating	50/60 Hz
Input cable	Use only Cisco agency approved power cords

Physical and Environmental Specifications of Cisco 7201

Physical Specifications

Dimensions (H x W x D)	1.75 x 19 x 16.9 in. (4.44 x 48.26 x 42.93 cm)
Weight	Chassis fully configured with a port adapter ~16.5 lb (7.48 kg)

Environment Specifications

Operating Temperature	32 to 104ºF (0 to 40ºC)
Storage Temperature	-4 to 149ºF (-20 to 65ºC)
Operating Humidity	10 to 90% non-condensing
Storage Relative Humidity	5 to 95%
Operating Altitude	60 to 2000m

Product Regulatory Approval and Compliance

Regulatory	Compliance
Safety	CAN/CSA-C22.2 No. 60950-1-03 EN 60950-1 IEC 60950-1 AS/NZS 60950-1 EN/IEC 60825-1 21 CFR 1040 UL60950-1
EMC	AS/NZS CISPR22 Class A 47CFR Part 15 Class A (FCC Regulations) EN300386 EN55022 Class A

	EN61000-3-2 EN61000-3-3 ICES003 Class A VCCI Class A CISPR22 Class A
NEBS	Designed to meet GR-63-Core NEBS Level 3 Designed to meet GR-1089-Core NEBS Level 3
ETSI	Designed to meet ETS 300 019-1-1, Class 1.2 Storage Designed to meet ETS 300 019-1-2, Class 2.3 Transportation Designed to meet ETS 300 019-1-3, Class 3.2 Stationary Use

FRU Power Supply Ordering Information

Product Description	Part Number
Cisco 7201 AC Power Supply option	PWR-7201-AC
Cisco 7201 AC Power Supply option - Spare	PWR-7201-AC=
Cisco 7201 DC48 Power Supply Option	PWR-7201-DC
Cisco 7201 DC48 Power Supply Option - Spare	PWR-7201-DC=

The next steps...

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