

Cisco Model DPQ2425 Wireless Residential Gateway with Digital Voice Adapter

The Cisco® Model DPQ2425 Wireless Residential Gateway with Digital Voice Adapter (DPQ2425) is a high-performance residential gateway that combines a cable modem, digital voice adapter, router, and wireless access point in a single device providing a cost-effective voice and networking solution for both the home and small office.

The DPQ2425 has been designed to meet PacketCable™ 1.5 and DOCSIS® 2.0 specifications. In addition, the DPQ2425 is fully backward compatible for use on PacketCable 1.0, DOCSIS 1.1, and DOCSIS 1.0 networks.

Figure 1. Model DPQ2425 Wireless Residential Gateway (image may vary from actual product and specification)



Designed for the active digital home or office, the DPQ2425's integrated router features a Dynamic Host Configuration Protocol (DHCP) server, Network Address and Port Translation (NAT/NAPT), and a Stateful Packet Inspection (SPI) firewall. These features allow the user to share a single high-speed public Internet connection as well as share files and folders between devices within the home network by attaching multiple wired and wireless devices in the user's home or office to the wireless residential gateway.

Consumer-friendly features like Wireless Protected Setup (WPS) and user-configured Parental Control can protect the home network from unwelcome intruders and family members from access to undesirable websites.

Features

- Compliant with DOCSIS 2.0, 1.1, and 1.0 standards along with PacketCable 1.5 specifications to deliver high-end performance and reliability
- Integrated AC power supply
- High-performance broadband Internet connectivity to energize the online experience
- Embedded digital voice adapter for wired telephony service
- Four 10/100BASE-T Ethernet ports to provide wired connectivity
- 802.11g Wireless Access Point with 4 service set identifiers (SSIDs)
- Wireless Protected Setup (WPS), including a push-button switch to activate WPS for simplified and secure wireless setup
- Two RJ-11 telephony ports for connecting to in-home wiring or directly to conventional telephones or fax machines
- User-configurable Parental Control blocks access to undesirable Internet sites
- Advanced firewall technology deters hackers and protects the home network from unauthorized access
- Attractive, compact design that allows for vertical, horizontal, or wall-mounted placement
- TR-068 compliant color-coded interface ports and corresponding cables simplify installation and setup
- DOCSIS-5 compliant LED labeling and behavior provides a user- and technician-friendly method to check operational status and act as a troubleshooting tool
- Allows automatic software upgrades by the user's service provider

Figure 2. Model DPQ2425 Front Panel (image may vary from actual product and specification)



Table 1. Front Panel Features

Feature	Description
Indicators	Power, DS, US, Online, Ethernet, Wireless Link, Wireless Setup, TEL 1, TEL 2, Battery
Color	Black, black lens, silver text
Branding	Cisco logo and model number

Figure 3. Model DPQ2425 Back Panel (image may vary from actual product and specification)



Table 2. Back Panel Features

Feature	Description
TELEPHONE 1 and 2 Connector color: Gray	RJ-11 telephone ports connect to home telephone wiring and to conventional telephones or fax machines
ETHERNET (1 – 4) Connector color: Yellow	Four RJ-45 Ethernet ports connect to the Ethernet port on your PC or to your home network
REBOOT EMTA	Power cycles the EMTA
WIRELESS SETUP	Activates Wireless Protected Setup (WPS) to connect wireless devices to the home network
POWER Connector color: Black	Connects the wireless home gateway to the AC power cord
CABLE Connector color: White	F-connector connects to an active cable signal from your service provider
ANTENNA	Provides an antenna connection for the built-in WAP

Ordering Information

Table 3. Ordering Information

Model	Description	Part Number
2 Voice Ports, North American Tuning Plan – NTSC		
Model DPQ2425	DPQ2425 DOCSIS 2.0 Wireless Residential Gateway with Two-Line Embedded Media Terminal Adapter. Includes: <ul style="list-style-type: none"> • 100-120 VAC Internal power supply • Power cable, North America • Ethernet cable • CD-ROM containing user's guide 	4027661
Model DPQ2425	DPQ2425 DOCSIS 2.0 Wireless Residential Gateway with Two-Line Embedded Media Terminal Adapter. Includes: <ul style="list-style-type: none"> • 100-120 VAC Internal power supply • 2200 mAh Lithium-Ion battery cartridge • Power cable, North America • Ethernet cable • CD-ROM containing user's guide North America	4027662
Model DPQ2425	DPQ2425 DOCSIS 2.0 Wireless Residential Gateway with Two-Line Embedded Media Terminal Adapter. Includes: <ul style="list-style-type: none"> • 230-240 VAC Internal power supply • 2200 mAh Lithium-Ion battery cartridge • Power cable, Australia • Ethernet cable • CD-ROM containing user's guide Australia	4029838
Model DPQ2425	DPQ2425 DOCSIS 2.0 Wireless Residential Gateway with Two-Line Embedded Media Terminal Adapter. Includes: <ul style="list-style-type: none"> • 220-230 VAC Internal power supply • Power cable, Euro • Ethernet cable • CD-ROM containing user's guide Chile Customer-Specific Configuration	4029165
Model DPQ2425	DPQ2425 DOCSIS 2.0 Wireless Residential Gateway with Two-Line Embedded Media Terminal Adapter. Includes: <ul style="list-style-type: none"> • 220-230 VAC Internal power supply • Power cable, Euro • 2200 mAh Lithium-Ion battery cartridge • Power cord, Euro • Ethernet cable • CD-ROM containing user's guide Chile Customer-Specific Configuration	4029171

Replacement Components

Table 4. Replacement Components

Description	Part Number
Power Cords	
Power cord, 2 conductor, North America, NEMA 1-15 to C7 (non-polarized)	1002239
Power cord, 2 conductor, Argentina	4012938
Power cord, 2 conductor, Australia	4025792
Power cord, 2 conductor, Brazil	4009115
Power cord, 2 conductor, European, Euro plug CEE7/16 to C7	503414
Data Cables	
Ethernet data cable, 1.2 meters	748580
CD-ROM	
CD-ROM with User Guide	4029466



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