
EOL: Cisco FastHub 100 Series Hubs

Product Overview

The Cisco FastHub 100 series of standalone 100BaseT hubs provides the lowest-cost 100-Mbps performance for power workgroups and users where management is not critical. Available in 12-, 16, and 24-port densities. These Class II hubs offer a cost-effective solution for a range of workgroup sizes and are a key element in Cisco's end-to-end solutions.

The Cisco FastHub 100 series' unique Class II design lets you connect two hubs together, creating a collision domain of up to 46 ports. The FastHub 100 series hubs can connect to other Class II hubs, including the FastHub 300 and FastHub 200 series. The Class II design also lets you distribute and connect hubs in separate wiring closets, without an intermediate switch, bridge, or router.

The Cisco FastHub 100 series of hubs consists of the following models:

- FastHub 112T 10/100
- FastHub 116T
- FastHub 124T 10/100

Key Features and Benefits

Specifications

Hardware

Table 23-21: FastHub 100 Series Hubs Specifications

Characteristic	Description
Compatibility	Compatible with IEEE 802.3u standard for interoperability with other 100BaseT products IEEE 802.3u Class II repeater-compliant FastHubs 112T and 124T are 802.3 10 Mbps repeater compliant
Performance	100-Mbps peak and aggregate throughput 10/100 autosensing automatically configures the correct speed based on the connected device
Placement	19-inch rack-mount hardware included
Standard hardware components	Includes Rack-mount brackets
Cabling requirements	100BaseTX ports: Integrated 100BaseTX media interface for use with two-pair Category 5 UTP cabling and standard RJ-45 connectors Uplink port on the FastHub 116T: Straight-through cable to connect to a non-uplink port on a second hub Non-uplink port on a FastHub 100 series hub: Crossover cables to connect to a non-uplink port on a second hub Direct 100BaseT connection between two hubs: Maximum of one
Configuration guidelines	Maximum cable distance between any two end stations with one FastHub 100 series hubs in the path: 656 ft (200 m) Maximum cable distance between any two end stations with two hubs in the path: 731 ft (223 m) with 1 FastHub 116T 702 ft (214 m) with 1 FastHub 116T and 1 third-party 100BaseT Class II hub Maximum cable distance between 100BaseTX port and an end node: 328 ft (100 m)
Indicators	Per-port LEDs for link integrity, receive activity, and enabled/disabled status Hub utilization and collision LED for gauging network load System LED for AC operation status Redundant power system status LED

Characteristic	Description
Redundancy	Support connection to the optional Cisco redundant power system (RPS)
Dimensions (H x W x D)	1.73 x 17.50 x 8.25 in. (4.4 x 44.5 x 21 cm)
Weight	11 lb (5 kg)
Agency approvals	AS/NZS 3260, TS001, UL 1950/CSA 22.2 No. 950, IEC 950/EN 60950, NOM 019, CE
Electromagnetic emissions certifications	FCC Part 15 Class B, EN 55022B Class A (CISPR22 Class B), VCCI Class II, AS/NRZ 3548 Class B, CE

Table 23-22: Environmental Specifications

Characteristic	Description
Power Consumption	FastHub 112T: 25W FastHub 116T: 40 W FastHub 124T: 35W
AC input voltage	90 to 127; 200 to 250 VAC DC input voltage +5V @ 7A, +12V @ 1A, -12V @ 1A Power consumption 25W
Frequency	(autoranging) 50 to 60 Hz
Operating temperature range	23 to 113° F (-5 to 45° C)
Nonoperating temperature range	-13 to 158° F (-25 to 70° C)
Operating humidity	10 to 85% (noncondensing)
Operating altitude	Up to 9842ft. (3000 m)

Software

- Feature Set: Cisco IOS 11.2, Cisco11.1
- Minimum Memory Requirements

Ordering Information

Product and Part Numbers

Part Numbers for the Cisco FastHub 100 Series

Part Description	Part Number
FastHub 112T (12-port 100BaseTX, unmanaged hub)	WS-C112T
FastHub 116T (16-port 100BaseTX, unmanaged hub)	WS-C116T
FastHub 124T (124-port 100BaseTX, unmanaged hub)	WS-C124T
600W redundant power system, AC-input with DC power cables	PWR600-AC-RPS-CAB
600W redundant power system, AC-input without DC power cables	PWR600-AC-RPS-NCAB
Service and Support	
SmartNet 8 x 5 x NBD	CON-SNT-PKG1
1 Year Warranty Extention	CON-EXTEND-PKG1