

## Bill of Materials

### Cisco 1941 router

Part number: CISCO1941/K9

Routing protocols: OSPF, IS-IS, BGP, EIGRP, DVMRP, PIM-SM, IGMPv3, GRE, PIM-SSM, static IPv4, static IPv6, PBR, MPLS, BFD, IPv4 to IPv6 multicast

Manufacturer: Cisco

Nominal voltage: AC120/230v

Frequency: 50/60 Hz

Power supply: internal

Form factor: desktop and rack-mountable

Type: wired

Data link protocol: Ethernet, Fast Ethernet, Gigabit Ethernet

Network/Transport protocol: IPSec, L2TPv3, PPPoE

Features: CBWFQ, dynamic multiport VPN, firewall protection, IPv6, MPLS support, Netflow, VPN support, syslog support, VPN support,

Compliant standards: ANSI T1.101, IEEE 802.1Q, IEEE 802.1ag, IEEE 802.1ah, IEEE 802.3, IEEE 803.3af, IEEE 802.3ah, ITU-T G.823, ITU-T G.824

Interfaces: USB, management, network, serial, Ethernet 10base-T/100Base-TX/1000Base-T, auxiliary, console

RAM: 2 GB

Flash memory supported: 8 GB

Software: Cisco IOS IP base

Min/Max operating temp: 32-104 Fahrenheit

Humidity operating range: 10-85%

## Cisco 2960 switch

Part number: Cisco 2960-24TT-L

Power rating: .47 kVA

Humidity operating range: 10-95%

Operating temp: 23-113 Fahrenheit

IPv4 IGMP groups: 255

Maximum transition unit: up to 9000 bytes

Frequency: 50-60Hz

Packets per second: 6.6

Max VLANs: 255

Ports: 24 10/100 ethernet ports

Uplinks: 2 ethernet 10/100/1000 ports

Switching bandwidth: 32 Gbps

DRAM: 64 MB

Model: LAN base layer 2

Flash memory: 32 MB

VLAN IDs: 4000

## HWIC-2T

Model: HWIC-2T

Device type: expansion module

Brand: Cisco

Ports: 2 asynchronous/synchronous serial WAN

Transfer rate: 8Mbps synchronous serial, 115.2 Kbps asynchronous serial port

Compatibility: Cisco 1841, Cisco 1941, Cisco 2801, Cisco 2811, 2821, 2851, Cisco 2901, 2911, 2921, 2951, Cisco 3825, 3845, Cisco 3925, 2945

Serial protocols: EIA-232, EIA-449, EIA-530, EIA-530A, V.35, X.21

Supports Bisync

Operating temp: 32-104 Fahrenheit

Humidity operating range: 10-90%

TelecommPTT: TBR 1 & 2, JATE digital NEBS

Safety approvals: UL 60950, CAN/CSA 22.2, CSA60950, GB 4943, AS/NZS 60950, EN60950, IEC  
60950