

# Cisco HWIC-1FE Datasheet



Cisco HWIC-1FE 1-port 10/100 Routed Port HWIC

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The Layer 3 Cisco 1-Port Fast Ethernet High-Speed WAN interface card HWIC-1FE is supported on the Cisco 1841, Cisco 2800, and Cisco 3800 Series Integrated Services Routers offers small-to-large-sized businesses and enterprise branch-office customers the option to add Layer 3 routed ports with many advanced features, including quality-of-service (QoS) and rate-limiting capabilities. The Fast Ethernet routed ports on the HWICs have the same characteristics and features as the onboard LAN interfaces for the integrated-services-router platforms. Along with Layer 3 connectivity, such as per-port access control lists (ACLs), routing, and IP addressing, these HWICs provide functions equivalent to those of onboard Fast Ethernet routed ports.

## Specifications

- Manufacturer: Cisco
- Part Number: HWIC-1FE
- Device Type: Expansion module
- Form factor: Plug-in module
- Interfaces/Ports: 1 x RJ-45 10/100Base-TX Auto-sensing/Auto-negotiating/Auto MDI/MDI-X LAN
- Data Transfer Rate
  - 10 Mbps Ethernet
  - 100 Mbps Fast Ethernet
- Ethernet and VLAN
  - IEEE802.3 with IEEE802.2 Service Advertising Protocol (SAP)

- IEEE802.3 with IEEE802.2 and Subnetwork Access Protocol (SNAP)
- IEEE 802.1Q VLAN tagging
- Autosensing, autonegotiation, and automatic media-dependent interface crossover (Auto-MDIX)
- Unique MAC address (not shared with any other interface on the router), assigned MAC address to interface, and subinterfaces
- Network Management Features
- CiscoWorks
- Simple Network Management Protocol (SNMP) support
- Cisco NetFlow accounting
- Additional Features: IGMP, HSRP, GLBP, MPLS, GRE, IPv6, IPsec, L2TPv3, DHCP, NAT, GTS, MGCP, IBM, PPPoE, Bridging
- MIBs Supported: ENTITY-MIB, IF-MIB, OLD-CISCO-CHASSIS-MIB, RMON-MIB, ETHERLIKE-MIB, CISCO-ENT-ASSET-MIB, CISCO-ENTITY-FRU-CONTROL-MIB
- Agency Approvals: UL 1950, CSA-C22.2 #950, EN60950, TUV GS, IEC 950
- Immunity: EN300386, EN55024 and CISPR24, EN50082-1
- Emissions: FCC Part 15, Class A ICES-003, Class AEN55022, Class A CISPR22, Class AAS and NZS 3548, Class AVCCI, Class A EN 300386 EN61000-3-3 EN61000-3-2
- Physical Specifications
  - Dimensions (W x D x H): 3.08 x 4.74 x 0.76 in.
  - Weight: 1-Port: 0.14 lbs or 2.24 oz.
- Environmental Specifications
  - Operating temperature: 32 to 104°F (0 to 40°C)
  - Storage temperature: -4 to 149°F (-20 to 65°C)
  - Relative humidity: 10 to 90%, noncondensing

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