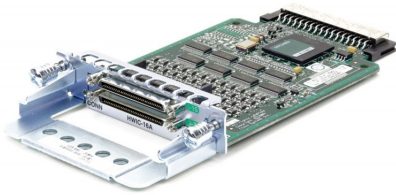


Cisco HWIC-16A Datasheet



Cisco HWIC-16A 16-Port Async HWIC

HWIC-16A

Cisco HWIC-16A 16-Port Async HWIC

The HWIC-16A provides 16 ports of async interfaces operating at speeds up to 230.4 Kbps. 16-Port Asynchronous High-Speed WAN Interface Card use two high density 8-port connectors. The Cisco 16-Port Asynchronous High-Speed WAN Interface Card HWIC-16A provides highly flexible connections for Cisco ® 1800, 1900, 2800, 2900, 3800, and 3900 Series Integrated Services Routers (ISRs). These modules help customers enable applications such as WAN aggregation, transport for traditional protocols, console servers, and dial access servers. Customers can mix and match modules to tailor cost-effective solutions for common networking problems such as remote network management, external dial-modem access, low-density WAN aggregation, transport for traditional protocols, and high-port-density support.

Cisco offers the following serial and asynchronous modules:

- Cisco 4-Port Serial High-Speed WAN Interface Card (HWIC-4T): Four high-speed serial ports
- Cisco 4-Port Asynchronous/Synchronous High-Speed WAN Interface Card (HWIC-4A/S): Four low-speed synchronous/asynchronous ports
- Cisco 8-Port Asynchronous/Synchronous High-Speed WAN Interface Card (HWIC-8A/S-232): Eight low-speed synchronous/asynchronous ports, EIA-232 only
- Cisco 8-Port Asynchronous High-Speed WAN Interface Card (HWIC-8A): Eight asynchronous EIA-232 ports
- Cisco 16-Port Asynchronous High-Speed WAN Interface Card (HWIC-16A): Sixteen asynchronous EIA-232 ports
- Cisco 32-Port Asynchronous Serial Service Module (SM-32A): Thirty-two asynchronous EIA-232 ports

Specifications

- Manufacturer: Cisco
- Product ID: HWIC-16A
- Product Description: 16-Port Async HWIC
- Product Type: HWIC
- Application/Usage: Wide Area Network
- Interfaces/Ports: 16 x Asynchronous Serial WAN
- Connectors: High-density 8-port connector
- Data Transfer Rate: 230.40 Kbps Maximum Asynchronous Serial Per Port
- Protocols: X.25, TCP/IP, SDLC
- Temperature:
 - 32°F (0°C) to 104°F (40°C) Operating
 - -4°F (-20°C) to 149°F (65°C) Storage
- Humidity: 10% to 90% Non-condensing Relative Humidity
- Dimensions: 0.8" Height x 3.1" Width x 5.6" Depth
- Additional Information:
 - The HWIC-16A uses 8-port cables with a high-density 60-pin connector on the HWIC side, and 8 RJ-45 plugs on the other end
 - The RJ-45 plugs can connect directly to the console ports of Cisco routers and switches, or to other equipment by using RJ-45 to DB-25 adapters
 - DCN (Data Communications Network)
 - Lead Manipulation
 - Network Clock Synchronization
 - Systems Network Architecture (SNA)

Certifications & Standards

- Agency Approvals:
 - UL 1950 (United States)
 - CSA-C22.2 #950 (Canada)
 - EN60950 (Europe)
 - TUV GS (Germany)
 - IEC 950 (International)
- Immunity:
 - EN300386

- EN55024/CISPR24
- EN50082-1
- Emissions:
 - FCC Part 15 Class A
 - ICES-003 Class A
 - EN55022 Class A
 - CISPR22 Class A
 - AS/NZS 3548 Class A
 - VCCI Class A
 - EN 300386
 - EN61000-3-3
 - EN61000-3-2

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