# Cisco HWIC-2T Datasheet



Cisco HWIC-2T 2-Port Serial WAN Interface Card

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The HWIC-2T from Cisco is the 2-Port Serial WAN Interface Card designed to provide highly flexible connections for Cisco 1800, 1900, 2800, 2900, 3800, and 3900 Series Integrated Services Routers. With the ability to enable applications such as WAN access, legacy protocol transport, console server, and dial access server, the HWIC-2T is perfect for customers who want to mix and match HWICs to tailor cost-effective solutions for common networking problems such as remote network management, external dial modem access, low-density WAN aggregation, legacy protocol transport, and high-port-density support.

Serial and asynchronous high-speed WAN interface cards (HWICs) provide highly flexible connections for Cisco1800, 1900, 2800, 2900, 3800, and 3900 Series Integrated Services Routers. These HWICs help customers enable applications such as WAN access, legacy protocol transport, console server, and dial access server. You can mix and match HWICs to tailor cost-effective solutions for common networking problems such as remote network management, external dial-modem access, low-density WAN aggregation, legacy protocol transport, and high-port-density support.

Cisco offers four new serial and asynchronous HWICs:

- Cisco 1-Port T1/Fractional T1 DSU/CSU WAN Interface Card (HWIC-1DSU-T1)
- Cisco 1-Port Serial WAN Interface Card (HWIC-1T)
- Cisco 2-Port Serial WAN Interface Card (HWIC-2T)
- Cisco 2-Port Asynchronous/Synchronous Serial WAN Interface Card (HWIC-2A/S)

Specifications

- Manufacturer: Cisco
- Part Number: HWIC-2T
- Device Type: Expansion module
- Form factor: Plug-in module
- Synchronous Support: Yes
- Synchronous Maximum Speed (Per Port): 8 Mbps
- Asynchronous Support: Yes
- Asynchronous Maximum Speed (Per Port): 115.2 kbps
- Bisync Support: Yes
- Serial Protocols: EIA-232, EIA-449, EIA-530, EIA-530A, V.35, and X.21
- Network Clock Synchronization: Yes
- NEBS: Type 2/4
- TelecommPTT
  - TBR1 and 2
  - JATE Digital
  - NEBS
- Safety Approvals: UL 60950, CAN/CSA 22.2, CSA60950, GB 4943, AS/NZS 60950, EN60950, IEC 60950
- Immunity: EN300386, CISPR24, EN55024, EN50082-1, 61000-4-2/3/4/5/6/8/11
- Emissions: FCC Part 15 Class A, ICES-003 Class A, EN55022 Class A, CISPR22 Class A, AS/NZSCISPR22 Class A, VCCI Class A, EN 300386, EN61000-3-2/3, CNS13438
- Physical Specifications
  - Singlewide HWIC, no slot restrictions
  - Dimension (H x W x D): 2.1 x 7.9 x 14.2 cm
  - Weight: 0.68 Kg
- Environmental Specifications
  - Operating temperature: 32 to 104°F (0 to 40°C)
  - NEBS short-term operating temperature: 32 to 131°F (0 to 50°C)
  - Storage temperature: -4 to 149°F (-20 to 65°C)
  - Relative humidity: 10 to 90%, noncondensing

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