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Overview

Cisco HWIC-2T is a 2-port serial WAN interface card, made for Cisco 1800, 1900, 2800, 2900, 3800, and 3900 Series Integrated Services Routers. 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.

Quick Specs

Figure 1 shows the front view of HWIC-2T.



Table 1 shows the Quick Specs of HWIC-2T.

Specification	HWIC-2T
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	<ul style="list-style-type: none"> · TBR1 and 2 · JATE Digital · NEBS
Dimension (H x W x D)	2.1 x 7.9 x 14.2 cm
Weight	0.68 Kg

The Supported Platforms

Figure 2 shows that HWIC-2T can be installed in the HWIC slot of the ISR routers.

HWIC-2T

Cisco 2-Port Serial WAN Interface Card

For Cisco 1800, 1900, 2800, 2900, 3800, and 3900 Series ISR



Table 2 shows the supported platforms and quantities.

Platforms	HWIC-2T
Cisco 1841	2
Cisco 1861	No
Cisco 1941	2
Cisco 2801	2
Cisco 2811 , 2821 , 2851	4
Cisco 2901 , 2911 , 2921 , 2951	4
Cisco 3825 and 3845	4
Cisco 3925 and 3945	4

The Recommended Cables

Table 3 shows the smart serial cabling for HWIC-2T.

Product Number	Cable Type	Length	Connector Type
CAB-SS-V35MT	V.35 DTE	10 ft (3m)	Male
CAB-SS-V35FC	V.35 DCE	10 ft (3m)	Female
CAB-SS-232MT	EIA/TIA-232 DTE	10 ft (3m)	Male
CAB-SS-232FC	EIA/TIA-232 DCE	10 ft (3m)	Female
CAB-SS-449MT	EIA/TIA-449 DTE	10 ft (3m)	Male
CAB-SS-449FC	EIA/TIA-449 DCE	10 ft (3m)	Female
CAB-SS-X21MT	X.21 DTE	10 ft (3m)	Male
CAB-SS-X21FC	X.21 DCE	10 ft (3m)	Female
CAB-SS-530MT	EIA/TIA-530 DTE	10 ft (3m)	Male
CAB-SS-530AMT	EIA/TIA-530A DTE	10 ft (3m)	Male

Compare to Similar Items

Table 4 shows the comparison of Cisco HWICs.

Specification	HWIC-1DSU-T1	HWIC-1T	HWIC-2T	HWIC-2A/S
Synchronous Support	Yes	Yes	Yes	Yes
Synchronous Maximum Speed (Per Port)	1.544 Mbps	8 Mbps	8 Mbps	128 kbps
Asynchronous Support	No	Yes	Yes	Yes
Asynchronous Maximum Speed (Per Port)	-	115.2 kbps	115.2 kbps	115.2 kbps
Bisync Support	No	Yes	Yes	Yes
Serial Protocols	-	EIA-232, EIA-449, EIA-530, EIA-530A, V.35, and X.21	EIA-232, EIA-449, EIA-530, EIA-530A, V.35, and X.21	EIA-232, EIA-449, EIA-530, EIA-530A, V.35, and X.21
Network Clock Synchronization	Yes	Yes	Yes	Yes
NEBS	Type 1/3	Type 2/4	Type 2/4	Type 2/4
TelecommPTT	<ul style="list-style-type: none"> - TIA-968-A - Industry Canada CS-03 Part II - JATE Digital - ID0002 - HK2017 - NEBS 	<ul style="list-style-type: none"> - TBR1 and 2 - JATE Digital - NEBS 	<ul style="list-style-type: none"> - TBR1 and 2 - JATE Digital - NEBS 	<ul style="list-style-type: none"> - TBR1 and 2 - JATE Digital - NEBS

Get more information

Do you have any question about the HWIC-2T?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

HWIC-2T Specifications	
Type	Cisco 2-Port Serial WAN Interface Card
Manufacturer	Cisco
Part Number	HWIC-2T
Device Type	Expansion module
Form factor	Plug-in module
Specifications	
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 Dimensions (H x W x D) 0.8 x 3.1 x 5.6 in. (2.1 x 7.9 x 14.2 cm)
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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