



WAN HDLC high bandwidth communication controllers



Characteristics ...

- 4 high speed HDLC 4 Mbps WAN links
- Multi-mode electrical interface : RS232, RS422, RS485, V35, X21, V11, V28
- Built-in protocols : HDLC/SDLC raw mode, HDLC ABM/LAPB, HDLC NRM/SDLC, X25, BSC, transparent mode, asynchronous
- PCI bus (3.3VDC & 5VDC) and Compact PCI bus
- x86 Pentium class 100 Mhz dedicated to protocol management

WAN-HDLC/4 & WAN-HDLC/4C



5 YEAR WARRANTY



HDLC series multi-protocol communications controller board for PCI & Compact PCI bus

The WAN-HDLC/4 (PCI) & WAN-HDLC/4C (Compact PCI) boards enabled heterogeneous protocol links to be established and administered while using a very low part of the host system's resources. Thanks to the Windows NT and Windows 2000 device drivers and to the Win 32 communication APIs, these cards are very simple to install and highly flexible to use.

Designed to last, the WAN-HDLC/4 and WAN-HDLC/4C boards have been built to withstand and operate in the most rugged environment and demanding conditions (Telecom systems for navy vessels, radar data management at civil and military airfields, railway systems, network traffic analysis, high bandwidth telecommunications, etc.).

DETAILED CHARACTERISTICS

Hardware type	WAN HDLC intelligent communication card for PCI & Compact PCI machines
Number of channels	4 channels built around a HD64570-16 controller with integrated timers and DMA channels
Connection	Output through an Hydra cable with 4 SUB D 25 male connectors
Electrical interface	Multi-mode, software programmable (RS232, RS422, RS485, V35, V11, V28, X21)
Signals	V28 TD, RD, RTS, CTS, RI, TxC, RxC V11 \pm TxD, \pm RxD, \pm TxC, \pm RxC, \pm RTS, \pm CTS, \pm DSR, \pm DTR, \pm DCD, \pm RI V35 A, P, S, R, T, V, X, W, U, Y
Bandwidth	4 Mbps synchronous with internal clock, asynchronous 521 Kbps
On-board processor	x86 100 Mhz Pentium class processor dedicated to protocol handling
Built-in protocols	HDLC/SDLC raw mode, HDLC ABM/LAPB, HDLC NRM/SDLC, X25, BSC, transparent mode, asynchronous. The protocol management software is stored in FLASH memory to make upgrades simple (all these protocols have been developed by ACKSYS)
Operating systems	Windows NT, Windows 2000, XP, VISTA & Linux, for any other OS, please contact us
Machines supported	PCI (3.3VDC & 5VDC) and Compact PCI : Any machine equipped with a PCI or a Compact PCI bus – 32 bits V2.1 & 2.2, 33 Mhz & 5V
Dimensions	PCI : 215 mm x 115 mm Compact PCI : 6U Front I/O size, REAR I/O module optional
Operating conditions	Relative humidity : 95% to 25°C Temperature : -5°C to +65°C Storage : -25°C to +70°C
Power consumption	PCI model : +5VDC/1,2 A Compact PCI model : +5VDC 550 mA, +3VDC/650 mA

HOT LINE
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Reference number to order

WAN-HDLC/4	4 links, PCI bus
WAN-HDLC/4C	4 links, Compact PCI bus

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