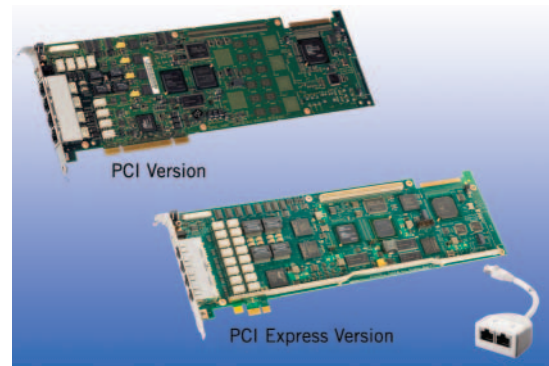


Dialogic® HMP Interface Boards

Dialogic® HMP Interface Boards (DNI Boards) provide a native PSTN interface to Dialogic® Host Media Processing (HMP) Software. As such, they enable efficient VoIP gateway functionality to be built into HMP telephony applications. They also break the traditional DSP-based media span paradigm by providing a digital network interface ready for use with virtually any configuration of host-based media resources, which complement the base gateway capability.

The DNI Boards discussed in this product brief are the PCI Boards, which include Dialogic® DNI/300TEPHMP Digital Network Interface Board, Dialogic® DNI/601TEPHMP Digital Network Interface Board, and Dialogic® DNI/1200TEPHMP Digital Network Interface Board; and the PCI Express Boards, which include Dialogic® DNI/310TEPEHMP Digital Network Interface Board, Dialogic® DNI/610TEPEHMP Digital Network Interface Board, Dialogic® DNI/1210TEPEHMP Digital Network Interface Board, and Dialogic® DNI/2410TEPEHMP Digital Network Interface Board.

Traditional media span products require onboard DSPs to provide media and audio transcoding resources, creating fixed costs and often fixed or limited configurations of media to complement the network interface density. DNI Boards enable the flexibility of host-based media resources (scalable and licensed in single-unit increments) and allow those resources to be used with a network interface, providing developers and system integrators with a high level of configuration flexibility and cost efficiency.



Features	Benefits
Interface to Dialogic HMP Software	Allows host-based voice, speech, conference, fax, and IP transcoding to be accessible from a PSTN interface; can be configured in a wide range of densities, scalable in individual port increments
One, two, four, or eight digital network interfaces	Provides four different densities to support a cost-effective range of solution sets
Software-selectable trunks configure DNI Boards for either T1 or E1	Reduces the total cost of ownership by increasing flexibility, reducing inventory, and simplifying the purchasing process and test effort
Supports a wide range of PSTN protocols including ISDN and CAS signaling	Allows a choice of PSTN protocols
Dialogic® Global Call Software	Provides a consistent programming interface for call control utilized by boards with DM3 architecture and by Dialogic HMP Software
Host streaming interface	Enables a low-latency, 256-duplex channel interface to host-based media and IP networks
Soft H.100 CT Bus	Provides a software-defined bus that extends the traditional board-based H.100 CT Bus to host-based media and IP networks

Technical Specifications

Voice resources	0
Fax resources	0
Conferencing resources	0
CSP	No
Form factor	PCIU: DNI/300, DNI/601, and DNI/1200 PCIe: DNI/310, DNI/610, DNI/1210, and DNI/2410
Resource bus	CT Bus
Connection	RJ-48C
Network interface	T1; E1
Signaling	Digital ISDN PRI and CAS equivalent to protocols available with Dialogic® System Release 6.1 (Versions for Linux and Windows®)
Operating system	Same operating systems supported by Dialogic HMP Software (Versions for Linux and Windows)
HMP support	Dialogic HMP Software for Windows (Release 2): DNI/300, DNI/601, and DNI/1200 Dialogic HMP Software for Windows (Release 3): DNI/300, DNI/601, DNI/1200, DNI/310, DNI/610, DNI/1210, and DNI/2410 Dialogic HMP Software for Linux (Release 3.1): DNI/300, DNI/601, DNI/1200, DNI/310, DNI/610, DNI/1210, and DNI/2410
Volts	PCIU: 3.3, 5 PCIe: 3.3, 12
Required accessories	None

Safety and EMI

United States	FCC: EBZUSA-31207-XD-T UL: E96804
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Approvals, Compliance, and Warranty

Hazardous substances	RoHS compliance information at http://www.dialogic.com/rohs
Country-specific approvals	See the global product approvals database at http://www.dialogic.com/declarations
Warranty	Warranty information at http://www.dialogic.com/warranties

To learn more about Dialogic® products, go to www.dialogic.com

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Dialogic may make changes to specifications, product descriptions, and plans at any time, without notice.

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