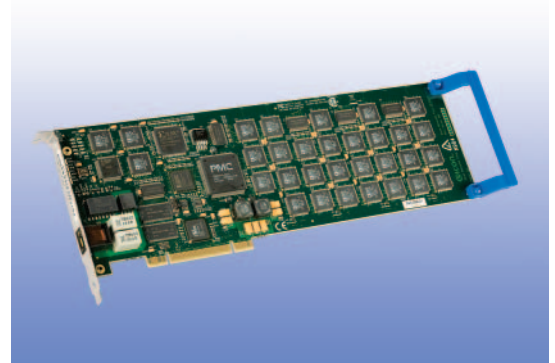


Dialogic® Diva® PRI/E1-30 Board

Dialogic® Diva® PRI/E1-30 board streamlines network administration without sacrificing performance. It provides a simple, flexible, and cost-effective solution that allows one server to manage all the fax, messaging, and remote access needs of an organization.

The PRI/E1-30 is an active board that supports one ISDN Primary Rate Interface (PRI) or E1 interface. It is available in a PCI and a PCI Express® version.

The PRI/E1-30 enables one server to support up to thirty concurrent communications with a mix of ISDN devices, V.90 modems, GSM mobile phones, and fax machines, making it an excellent choice for medium to large businesses. Because it is based on open-systems architecture, most industry-leading fax, unified messaging, computer telephony integration (CTI), and Voice over IP (VoIP) applications integrate easily when the PRI/E1-30 is used.



Features	Benefits
Supports standardized software interfaces	Has the flexibility to work with many different software packages
Multiple PRI/E1-30 boards can be mixed in one system with other Dialogic Diva boards	Provides easy upgrade and scalability
Onboard 32-bit RISC CPU, 64MB RAM and one digital signal processor (DSPs) per channel (24 for T1 and 31 for E1)	Removes performance bottlenecks by performing key real-time tasks that would excessively burden the host server on DSP
Group 3 fax, voice mail, and email including DTMS, ECM, RMR, MMR, MH, and 33.6 kbps fax	Suitable for fax and unified messaging applications
Modem up to V.90, V.42bis compression and V.42 error-correction	Ensures fast and reliable transmission for modems and fax
CAPI, TAPI and Diva SDK API including high level functions	Ideal for IVR and contact center application
Implements a complete set of supplementary services	Ensures that applications are compatible with major PBXs
Echo cancellation (G.168) and voice compression in the DSP	Guarantees high performance and high quality for VoIP
Conforms to Intel and Microsoft plug and play standards	Easy installation and GUI-based configuration
All multinational ISDN protocols	Ready for worldwide use

Technical Specifications

Voice resources	30
Fax resources	30
Conferencing resources	30
Maximum boards/system	8
CSP	Yes
Form factor	Full-size PCI or PCI Express®
Resource bus	PCI rev 2.2 up to 66 MHz or PCI Express® 1.0a x1 lane (3.3/12V)
Connection	RJ-45
Network interface	PRI and E1
Signaling	ETSI, NI-1, 4ESS, 5ESS, and all major ISDN protocols; QSIG, T1/RBS, E1/R2, SS7 (ITU-T ISUP), and many more
Operating system	Microsoft® Server 2003, Windows 2000, Windows XP; Red Hat® Linux, SUSE® Linux, Debian® Linux
Volts	PCI: 3.3V, 5V or PCI Express: 3.3V, 12V
Required accessories	PRI/E1 cable (RJ-45/RJ-45)

Safety and EMC

Canada	ICES-003 Class B, CSA 60950-1
Europe	EN60950-1, EN55022, EN55024
United States	FCC Part 15 Class B UL60950-1

Telecommunications

United States	TIA-968
Canada	CS03

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	See warranty information at http://www.dialogic.com/warranties

For more details, go to www.dialogic.com

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In the United States, the use of the Dialogic® Diva® digital board to route facsimile transmissions using DID is likely to infringe certain claims of U.S. Patent Nos. 5,488,651 and 5,291,546 owned by Cantata Technology Inc.

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

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