

## Dialogic® Diva® V-1PRI, V-2PRI and V-4PRI (PCI/PCIe)

The **Dialogic® Diva® V-1PRI** ("Diva V-1PRI"), **Dialogic® Diva® V-2PRI** ("Diva V-2PRI") and **Dialogic® Diva® V-4PRI** ("Diva V-4PRI") boards are exceptionally powerful PC-based telephony boards that provide rich media processing capabilities for up to 30/60/120 voice channels over E1 interfaces or up to 24/48/96 voice channels over T1 interfaces. They are an excellent choice for enterprises and service providers looking for a large-size unified messaging, analog modem, POS, RAS, fax, voice, speech, conferencing and monitoring platform that can easily be expanded to multiple boards per system.



Extremely powerful Digital Signal Processors (DSP) ensure real-time voice processing, reducing latency and improving overall system performance. The Diva V-1PRI, Diva V-2PRI and Diva V-4PRI enable both legacy and IP-based computer telephony (CTI) solutions, as well as leading-edge UM and voice business applications, such as voice portals and speech-enabled contact centers.

The Diva V-1PRI, Diva V-2PRI and Diva V-4PRI boards come with a feature pack suited for enhanced voice applications. In order to enable additional features, like modem or fax, separate licenses can be ordered.

The Diva V-1PRI board comes as a half size PCIe version. The Diva V-2PRI and Diva V-4PRI boards come in two versions, a PCI and a PCIe version. The PCI version is full size form factor. The PCIe version is half size form factor.

We plan to release the Diva V-8PRI/E1/T1-240 PCIe FS (Full Size) Media Board at the end of September 2009.

### Product Highlights

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Up to 30/60/120 voice channels using one/two/four E1 or one/two/four ISDN PRI interfaces

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Up to 24/48/96 voice channels using one/two/four T1 interfaces

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World-class media processing - voice activity detection, DTMF and tone handling, echo cancellation

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Feature upgrades available via Licences for VoIP CODECs, Unified Messaging, Fax and Data Modem (see "Order Codes" below)

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Efficient integration with speech (ASR and TTS) engines

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Enhanced Switching and Conferencing support

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Support of HiZ or High Impedance Mode to allow for passive monitoring of any E1/T1 and ISDN PRI lines (including fax and modem monitoring)

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Robust Voice over IP (VoIP) technology built in

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Powerful onboard RISC CPU and 10 DSPs (PCI) or 12 DSPs (PCIe) ensure high performance, offloading server

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processing

Extensive, open and well documented APIs (including COM port, TTY, CAPI, TAPI and WMP)

Tightly integrated with most recent versions of Microsoft Windows 2003, XP, Vista and Server 2008 (all 32-bit and 64-bit)

Full Linux support - SUSE, Red Hat, Debian, Fedora versions as well as all other known distributions like OpenSuse, Slackware, Mandrake, Gentoo, Ubuntu for 32 and 64 bit versions

Ease of installation because of Plug and Play conformance

Easy upgrade with free software downloads

Product	Order Code	Description
Diva V-1PRI/E1/T1-30 PCIe - International	306- 398	24-/30-port, PCIe, Half Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses
Diva V-2PRI/E1/T1-60 PCIe - International	306- 397	48-/60-port, PCIe, Half Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses
Diva V-2PRI/E1-60 PCI - International	306- 249	60-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses
Diva V-2PRI/T1-48 PCI - US	306- 250	48-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, North America
Diva V-2PRI/T1-48 PCI - Japan	306- 308	48-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, Japan
Diva V-2PRI/T1-48 PCI - China	306- 317	48-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, China
Diva V-2PRI/E1-60 PCI - Australia	306- 293	60-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, Australia
Diva V-4PRI/E1/T1- 120 PCIe - International	306- 396	96-/120-port, PCIe, Half Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses
Diva V-4PRI/E1-120	306-	120-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem,

PCI - International	251	Fax and VoIP is possible via Licenses
Diva V-4PRI/T1-96 PCI - US	306- 252	96-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, North America
Diva V-4PRI/T1-96 PCI - Japan	306- 307	96-port, PC, Full Size Form FactorI, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, Japan
Diva V-4PRI/T1-96 PCI - China	306- 318	96-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, China
Diva V-4PRI/E1-120 PCI - Australia	306- 292	120-port, PCI, Full Size Form Factor, feature upgrade to UM/Fax, Modem, Fax and VoIP is possible via Licenses, Australia
Diva VoIP Codec 24 CH SW License	G04- 030	Use on Diva V-1PRI/E1/T1-30 (306-398) boards. Contains: AMR-NB G.729 and RTaudio. License will be sent via e-mail
Diva VoIP Codec 30 CH SW License	G05- 030	Use on Diva V-1PRI/E1/T1-30 (306-398) boards. Contains: AMR-NB G.729 and RTaudio. License will be sent via e-mail
Diva VoIP Codec 48 CH SW License	G06- 030	Use on Diva V-2PRI/T1-48 (306-250 306-308 306-397) boards. Contains: AMR-NB G.729 and RTaudio. License will be sent via e-mail
Diva VoIP Codec 60 CH SW License	G07- 030	Use on Diva V-2PRI/E1-60 (306-249 306-293 306-397) boards. Contains: AMR-NB G.729 and RTaudio. License will be sent via e-mail
Diva VoIP Codec 96 CH SW License	G08- 030	Use on Diva V-4PRI/T1-96 (306-307 306-252 306-396) boards. Contains: AMR-NB G.729 and RTaudio. License will be sent via e-mail
Diva VoIP Codec 120 CH SW License	G09- 030	Use on Diva V-4PRI/E1-120 (306-251 306-292 306-396) boards. Contains: AMR-NB G.729 and RTaudio. License will be sent via e-mail
Diva UM/Fax 12 CH SW License	G04- 031	Use on Diva V-1PRI/E1/T1-48 (306-398) boards. This is a V.34 Fax license for 12 channels. Upgrade to more fax licenses is not possible with a UM/Fax license. License will be sent via e-mail
Diva UM/Fax 15 CH	G05-	Use on Diva V-1PRI/E1/T1-48 (306-398) boards. This is a V.34 Fax license

SW License	031	for 15 channels. Upgrade to more fax licenses is not possible with a UM/Fax license. License will be sent via e-mail
Diva UM/Fax 24 CH SW License	G06-031	Use on Diva V-2PRI/T1-48 (306-250 306-308 306-397) boards. This is a V.34 Fax license for 50% of available channels. Upgrade to more fax licenses is not possible with a UM/Fax license. License will be sent via e-mail
Diva UM/Fax 30 CH SW License	G07-031	Use on Diva V-2PRI/E1-60 (306-249 306-293 306-397) boards. This is a V.34 Fax license for 50% of available channels. Upgrade to more fax licenses is not possible with a UM/Fax license. License will be sent via e-mail
Diva UM/Fax 48 CH SW License	G08-031	Use on Diva V-4PRI/T1-96 (306-307 306-252 306-396) boards. This is a V.34 Fax license for 50% of available channels. Upgrade to more fax licenses is not possible with a UM/Fax license. License will be sent via e-mail
Diva UM/Fax 60 CH SW License	G09-031	Use on Diva V-4PRI/E1-120 (306-251 306-292 306-396) boards. This is a V.34 Fax license for 50% of available channels. Upgrade to more fax licenses is not possible with a UM/Fax license. License will be sent via e-mail
Diva Data Modem 24 CH SW License	G04-033	Use on Diva V-1PRI/E1/T1-30 (306-398) boards. License will be sent via e-mail
Diva Data Modem 30 CH SW License	G05-033	Use on Diva V-1PRI/E1/T1-30 (306-398) boards. License will be sent via e-mail
Diva Data Modem 48 CH SW License	G06-033	Use on Diva V-2PRI/T1-48 (306-250 306-308 306-397) boards. License will be sent via e-mail
Diva Data Modem 60 CH SW License	G07-033	Use on Diva V-2PRI/E1-60 (306-249 306-293 306-397) boards. License will be sent via e-mail
Diva Data Modem 96 CH SW License	G08-033	Use on Diva V-4PRI/T1-96 (306-307 306-252 306-396) boards. License will be sent via e-mail
Diva Data Modem 120	G09-	Use on Diva V-4PRI/E1-120 (306-251 306-292 306-396) boards. License

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SW License                    032                    mail

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