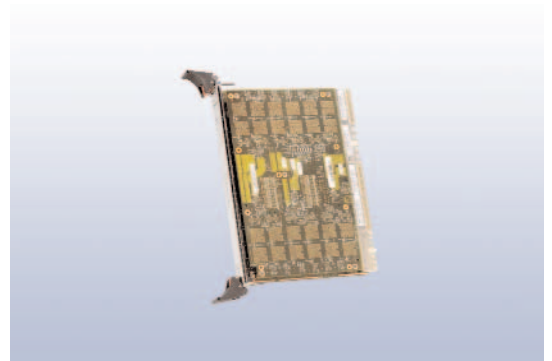


## Dialogic® IPT1200C, IPT2400C, IPT4800C, IPT6720C, and IPT10000C Boards



Dialogic® IPT boards offer many optimized, low-bandwidth voice coder algorithms for transmitting audio over an IP network, including ITU-T G.711, G.723.1+a, and G.729a+b. These algorithms use a variety of coding techniques, bit rates, and frame sizes to compress audio for managing data network bandwidth. Frame sizes as small as 10 ms are supported to provide very high voice quality IP telephony.

Besides powerful transcoding, other standard capabilities include high-performance echo cancellation up to 64 ms, RFC-2833 support for tone detection and pass-through capabilities, and T.38 fax relay support for development of high-performance solutions.

The IPT boards are standards-based Voice over IP (VoIP) interface boards that can be used to develop scalable, carrier-grade IP telephony gateways, media servers, IP-PBX, and IP contact center solutions. Choose from 120-, 240-, 480-, and 672-port voice coders, including low bit rate coders. In addition, a 1000-port G.711-only voice coder board enables very high density applications that do not require voice compression.

Features	Benefits
<b>Choice of 120, 240, 480, 672 or 1000 channels of voice coders, including low bit rate coders</b>	Lets developers scale solutions more effectively and reduce overall system footprint
<b>1000 channels of G.711</b>	Allows very high density solutions
<b>Broad choice of voice coders (G.711, G.723.1+a, G.729a+b)</b>	Enables development of PSTN-grade voice solutions
<b>IP call control and media gateway protocol-agnostic</b>	Split call control provides interoperability and greater flexibility with any IP call-control stack or media gateway stack such as SIP, H.323, MGCP, and Megaco (H.248)
<b>Optional support for Global Call API</b>	Simplifies call control development and can be used for faster time to market using SIP and H.323
<b>G.168-2000-compliant echo cancellation with support for up to 64 ms echo tail lengths</b>	Longer tail lengths are useful in carrier-grade access and trunking gateways or other environments requiring optimum audio quality and clarity

## Technical Specifications

Voice resources	0
Fax resources	0
Conferencing resources	0
IP channels	From 120 to 672; Up to 1000 (G.711 only)
CSP	No
Form factor	CompactPCI
Resource bus	CT Bus
Connection	Ethernet (via rear I/O)
Network interface	Dual 1000BaseT; Dual 100BaseTX Ethernet
Signaling	SIP; H.323; MGCP; MEGACO
Operating system	Linux; Windows. Details at <a href="http://www.dialogic.com/systemreleases">http://www.dialogic.com/systemreleases</a>
Volts	3.3, 5
Required accessories	Rear I/O, 1000/100 BT

### Approvals, Compliance, and Warranty

Hazardous substances	RoHS compliance information at <a href="http://www.dialogic.com/rohs">http://www.dialogic.com/rohs</a>
Country-specific approvals	See the global product approvals database at <a href="http://www.dialogic.com/declarations">http://www.dialogic.com/declarations</a>
Warranty	See warranty information at <a href="http://www.dialogic.com/warranties">http://www.dialogic.com/warranties</a>

For more details, go to [www.dialogic.com](http://www.dialogic.com)

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