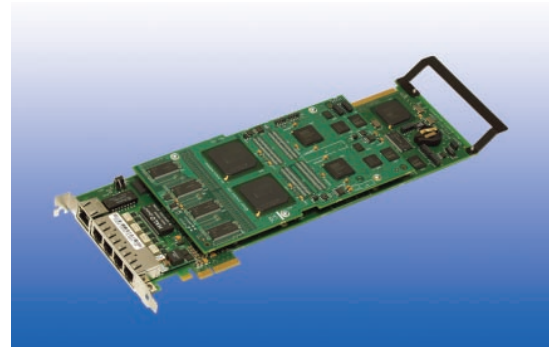


Dialogic® SS7 Boards

Dialogic® SS7 boards are designed to address the needs of telecommunications equipment manufacturers, systems integrators, and service providers deploying solutions worldwide.

The SS7 boards together with Dialogic® SS7 protocol APIs enable cost-sensitive, high-performance, distributed, cross-platform, cross-operating-system signaling applications. The components provide the flexibility to choose whether to run signaling protocols on a board, a Dialogic® signaling server, or on the application server.



The SS7 boards are grouped into two types: SS7HD and SS7SPCI.

- **SS7HD (SS7HDP, SS7HDE, and SS7HDC)** — High-density, high-throughput boards in either PCI, PCIe, or Compact PCI format. These boards offer either Channelized or HSL Q703 operation over T1/E1 links plus CT Bus, clear channel operation, and HiZ monitoring.
- **SS7SPCI** — Lower-density, lower-throughput boards, which offer Channelized links over E1/T1 or V11 ports and monitoring.

Technical Specifications of Dialogic® SS7 Boards

Feature	SS7HDP/SS7HDE	SS7HDC	SS7SPCI
Models	SS7HDPD4TEW, SS7HDED4TEQ	SS7HDCQ16W, SS7HDCD16W, SS7HDCN16W	SS7SPCI4Q SS7SPCI2Q
Format	PCI, PCIe	CompactPCI PICMG 2.0 R3.0	PCI
Interfaces	4 E1/T1	16 E1/T1 (SS7HDCQ16W, SS7HDCD16W, SS7HDCN16W), 8 E1/T1 (SS7HDCS8W)	4 E1/T1 (SS7SPCI4) 2 E1/T1 + 2 V11 (SS7SPCI2)
SS7 Channelized links (64/56Kbps)	64	128 (SS7HDCQ16W), 64 (SS7HDCD16W), 32 (SS7HDCS8W), clear channel only (SS7HDCN16W)	4
HSL Q703	2	4 (SS7HDCQ16W), 2 (SS7HDCD16W), 1 (SS7HDCS8W)	N/A
Monitoring	HiZ	HiZ	Yes
Available onboard protocols	MTP2, MTP3, ISUP, TUP, SCCP, TCAP, MAP, IS41, INAP, CAMEL	MTP2, MTP3, ISUP, TUP, SCCP, TCAP, MAP, IS41, INAP, CAMEL	MTP2, MTP3, ISUP, TUP
TDM bus	H.100 CT Bus	H.110 CT Bus compliant with PICMG 2.5 R1.0 CompactPCI	H.100 CT Bus
Performance	24,000+ MSU/second	24,000+ MSU/second	500+ MSU/second
Operating system support	Linux, Solaris, Windows®	Linux, Solaris, Windows	Linux, Solaris, Windows

Note: For details about how performance was measured, contact Dialogic.

Technical Specifications *(continued)*

Safety and EMC

International	CB Certificate to IEC 60950-1, EN60950-1 EN 300-386, EN55022, EN 55024, CISPR 22
United States	UL 60950-1 (UL File Number E219415) FCC Part 15 Class A
Canada	CAN/CSA-C22.2 No 60950-1 ICES-003

Telecommunications

International	TBR12, TBR13, G.703, G.704, EN 300 248
United States	TIA-968, TIA-968-A
Canada	CS-03

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

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

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10119-03 03/08