



2006

Intel® Telecom and Compute Products
Quick Reference Guide ▪ April 2006

Intel® Dialogic® Boards ▪ Intel NetStructure® Hardware and Software ▪ Intel NetMerge® Software

Intel® Telecom and Compute Products

Welcome to the 2006 edition of the Intel® Telecom and Compute Products *Quick Reference Guide*. This guide is designed to help you identify the Intel telecom and compute products you need to build your solutions, and find important technical information about them quickly. The products have been organized into eight sections: AdvancedTCA* Products, Telecom Boards, Telecom Software, Gateways and Servers, Signaling Products, Compute Boards and Platforms, Telecom Services, and Accessories. Once you have identified the products you need, use the **Item Market Name** included for each product to order it through an authorized distributor or account manager.

This table provides information about the contents of many of the columns in the Intel® Telecom and Compute Products *Quick Reference Guide*.

Column Name	Description
Item Market Name	An identifier included for each product that can be used to order it
Voice/Fax/Conferencing/Network Resources	Lists the number of voice, fax, conferencing, and network resources available on each board
CSP (Continuous Speech Processing)	Tells you whether or not a board provides a speech processing capability
Form Factor	Describes a board's physical configuration: PCI, PCIU, cPCI (CompactPCI*), or ATCA* (AdvancedTCA*)
Resource Bus	Identifies the bus for most boards or accessories: SCbus or CT Bus
Connection	Describes the type of physical connection provided on a board, platform, or accessory
Operating System	Describes operating system compatibility
Volts	Describes the voltage supported on a board
Required Accessories	Tells whether or not accessories are required for a board
IP Channels	Lists the number of IP channels available on each board
SS7 Links	Tells the number of SS7 links that the boards can support

For information on system release updates, visit www.intel.com/network/csp/products/8317web.htm

For information on Intel telecom products and services, visit www.intel.com/go/telecom or contact your account manager or authorized distributor.

Intel® Telecom and Compute Products

AdvancedTCA* Products 4

- Intel NetStructure® Single Board Computers
- Intel NetStructure® Chassis
- Intel NetStructure® Chassis Management Modules
- Intel NetStructure® IXB28XX 3G Boards
- Intel NetStructure® Secure Packet Processing Blades

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Combined Media Boards

- Conferencing + Speech + Voice + Fax Boards
- Conferencing + Speech + Voice Boards
- Voice + Fax and/or Speech Boards

Single Media Boards

- Fax Boards
- Voice Boards

Signaling Boards

- Telephony Interface Boards
- IP Boards
- PBX Integration Boards
- SS7 Boards — *See Signaling Tab*

Switching Boards

- Conferencing + Speech + Station Interface + Voice Boards
- Station Interface Boards

Telecom Software 11

Intel NetStructure® Host Media Processing Software

- Release 2.0 for Windows*
- Release 2.0 Upgrade for Windows
- Release 1.5 for Linux*
- Release 1.3 for Windows
- Release 1.2 for Linux
- Release 1.1 for Windows
- Maintenance Products for Intel NetStructure Host Media Processing Software

Intel NetMerge® Call Manager Software

Intel® Dialogic® System Release Software (Development Tools)

Gateways and Servers 15

- Intel NetStructure® T1/E1-IP Media Gateways
- Intel NetStructure® PBX-IP Media Gateways
- Intel® Carrier Grade and Communications Platforms
- Intel® IP Network Server
- SS7 Signaling Servers — *See Signaling Tab*

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Intel NetStructure® SS7 Boards

- High Density
- Low Density

Protocols — License Buttons for Boards

- High Density
- Low Density

Signaling Products (cont.) 16

Signaling Software SIGTRAN for CompactPCI*, AdvancedTCA*
and Rack Mount Servers

Signaling Software SS7 for CompactPCI*, AdvancedTCA*
and Rack Mount Servers

Intel NetStructure® Signaling Servers

High Density

Low Density

Protocols for Signaling Servers

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Intel NetStructure® Single Board Computers: 2.16 PICMG* Compliant

Intel NetStructure® Platforms: 2.16 PICMG Compliant

Components/Accessories: 2.16 PICMG Compliant

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Annual Technical Support Services

Value-Added Technical Support Services

Technical Training

Accessories 23

AdvancedTCA* Accessory

Telecom Cables/Accessories

CompactPCI*, Rear I/O Boards

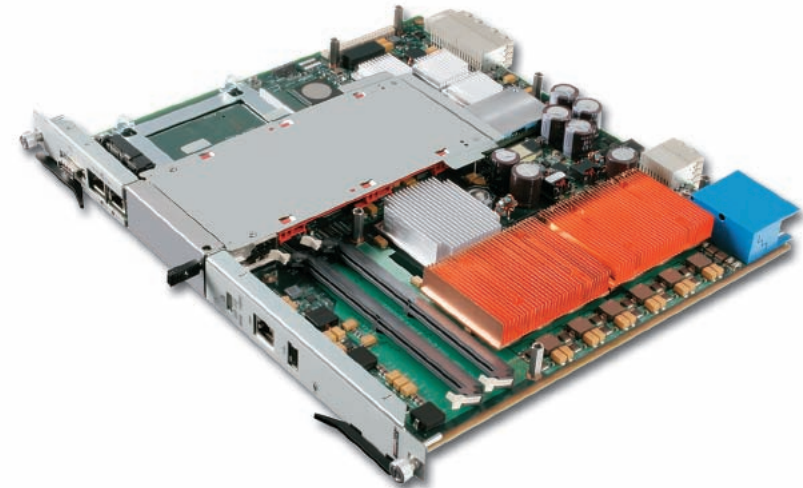
PBX Integration Accessories

Line/Station Interface Accessories

Gateway and Server Accessories

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Abbreviations



Item Market Name	Description	Chipset	Memory (Max.)	I/O Features	Expansion Features
Intel NetStructure® Single Board Computers					
MPCBL0001F04	Single low voltage Intel® Xeon® processor, 2.0 GHz, PMC and EIDE slots, dual GB Ethernet	Intel® E7501	Up to 4+ GB DDR 266 SDRAM in 4 DIMM slots; 4 GB (256 Mbit), 8 GB (512 Mbit)	Dual 10/100/1000 Mbps Ethernet; optional dual Fibre Channel ports; 1 serial, 1 USB	64-bit 66 MHz PCM site, optional 2.5 in. (6.35 cm) IDE HDD
MPCBL0001N04	Single low voltage Intel Xeon processor, 2.0 GHz, PMC and EIDE slots, dual GB Ethernet	Intel E7501	Up to 4+ GB DDR 266 SDRAM in 4 DIMM slots; 4 GB (256 Mbit), 8 GB (512 Mbit)	Dual 10/100/1000 Mbps Ethernet; 1 serial, 1 USB	64-bit 66 MHz PCM site, optional 2.5 in. (6.35 cm) IDE HDD
▲ MPCBL0010	Low voltage Intel Xeon processor, 2.8 GHz, 2x Advanced Mezzanine Card* slots	Intel® E7520 / 6300ESB	Up to 4 GB DDR2-400 registered ECC SDRAM via two DIMM sockets	Two 10/100/1000 Mbps Ethernet (Base Interface); two 1000BASE-BX Ethernet (Fabric Interface); telecom clock; front panel: 1 serial, 1 USB 2.0, 1 fast Ethernet	Two AdvancedMC* sites with telecom clock; support for onboard 2.5-in. (6.35 cm) SATA HDD on AdvancedMC
▲ MPCBL0020	Single Pentium® M processor, 2.0 GHz, 3 PMC slots	Intel E7520 / 6300ESB	Up to 4 GB DDR2-400 registered ECC SDRAM via two DIMM sockets	Two 10/100/1000 Mbps Ethernet (Base Interface); two 1000BASE-BX Ethernet (Fabric Interface); PICMG* 3.1 Option 1 redirectable to RTM; front panel: 1 serial, 1 USB 2.0, 1 fast Ethernet	Three PCI-X PMC slots (2 × 64 bit/100 MHz, 1 × 60 bit/66 MHz); support for onboard 2.5-in. (6.35 cm) SFF SAS HDD
▲ MPCBL0030	Dual Intel Xeon processors, 2.8 GHz, Intel® EM64T, single PMC site	Intel E7520 / 6300ESB	Up to 16 GB DDR2-400 registered ECC SDRAM via four DIMM sockets	Two 10/100/1000 Mbps Ethernet (Base Interface); Dual + Dual Gigabit Ethernet interface; front panel: 1 serial, 2 USB 2.0	One 64-bit 100 MHz PMC site; support for onboard 2.5-in. (6.35 cm) SFF SAS HDD or laptop SATA HDD
▲ MPCBL0040	Two Dual-Core, low voltage Intel Xeon processors, 2.0 GHz, 1 AdvancedMC* slot	Intel E7520 / 6300ESB	Up to 8 GB DDR2-400 registered ECC SDRAM via two DIMM sockets	Two 10/100/1000 Mbps Ethernet (Base Interface); Dual + Dual Gigabit Ethernet (Fabric Interface); PICMG 3.1 Option 2 (1000BASE-BX) to fabric; front panel: 1 serial, 1 USB 2.0, 2x 1GbE, 1 SAS	One AdvancedMC site
Item Market Name	Description	Height	Node Slots	Number of Fans	Power/Slot
Intel NetStructure® Chassis					
MPCHC0001	AdvancedTCA* compliant chassis, with 14 slots (12 + 2 fabric). Achieves high availability, utilizing redundant -48 VDC power, redundant management modules, and industry-leading power and thermal capabilities.	24.4 in. (61.9 cm)	14	6	200W

▲ Indicates a new product

Item Market Name	Description	Size	Chassis Support	Management Interface Support
Intel NetStructure® Chassis Management Modules				
MPCMM0001	IPMI V1.5 compliant CMM provides highly reliable hardware management of subcomponents in chassis. Comprehensive monitoring for health, status, state change, and component presence.	4U × 4HP	<ul style="list-style-type: none"> ▪ MPCHC0001 from Intel ▪ 5U 5-slot from Schroff ▪ 13U 14-slot from Rittal/Kaparel 	RMCP, RPC, SNMP IPMB, CLI (over Serial Port, Telnet*, and SSH Secure Shell*)
▲ MPCMM0002	Slim form factor CMM with same functionality as the MPCMM0001. This CMM was designed to work with third-party chassis.	4U × 3HP	<ul style="list-style-type: none"> ▪ 12U 14-slot from Schroff ▪ 5U 6-slot from Schroff (APW) ▪ 13U 14-slot from Schroff ▪ 13U 14-slot from Rittal/Kaparel 	RMCP, RPC, SNMP IPMB, CLI (over Serial Port, Telnet*, and SSH Secure Shell*)

Item Market Name	Description
Intel NetStructure® IXB28XX 3G Boards	
IXB2800	RNC RNL -c/sh. RNC traffic processing board executes RNL-c/sh user plane functions. Board-level redundancy implemented. Single PrPMC site hosts third-party Intel® Architecture-based adjunct processor.
IXB28004XOC3FB	RNC quad OC3 I/O front board. Executes lub, luR, luCS, and luPS data plane transport network layer functions on traffic from mated RTM. 1:1/1+1 SONET/SDH APS implements transparent link handover. Single software image supports all interfaces. Single PrPMC site hosts third-party Intel Architecture-based adjunct processor to support control and management plane distribution functions (third-party board must be purchased separately).
IXB28004XOC3	RNC quad OC3 I/O front board and RTM (IXB28004XOC3FB and IXBRTM4XOC3 products packaged together)
IXBRTM4XOC3	RNC quad OC3 I/O rear transition module. RTM physically terminates four OC-3 (STM-1) ports.
IXB2800KAS	RNC traffic processing board executes RNL-d (radio network layer dedicated channel) user plane functions. Kasumi encryption implemented on daughterboard-hosted FPGA. Board-level redundancy implemented. Single PrPMC site hosts third-party Intel Architecture-based adjunct processor.
IXB3GDEBUGCABLE	Assorted cables and accessories

Item Market Name	Description	Memory	I/O Features
Intel NetStructure® Secure Packet Processing Blades			
IXB28504xGbE	Intel IXP2850 network processor, 1.4 GHz, contains two cryptographic units each with two 3DES cores, two SHA-1 cores, and one AES core. Supports PICMG 3.1.3 fabric specification, for a dual/dual star topology.	768 MB of RDRAM with ECC, 32 MB of SRAM with parity, 160 MB of Flash	Front I/O mezzanine with 4x1GbE interfaces (Cu interface) for WAN access; backplane access via baseboard is 2x1GbE (1000BASE-T) for Base Interface and 4x1GbE (1000BASE-BX) for Fabric Interface (PICMG 3.1 link option 1, 2, and 3)
IXB28504xGbEFS	Intel IXP2850 network processor, 1.4 GHz, contains two cryptographic units each with two 3DES cores, two SHA-1 cores, and one AES core. Supports PICMG 3.1.3 fabric specification, for a dual/dual star topology.	768 MB of RDRAM with ECC, 32 MB of SRAM with parity, 160 MB of Flash	Front I/O mezzanine with 4x1GbE interfaces (SX fiber interface) for WAN access; backplane access via baseboard is 2x1GbE (1000BASE-T) for Base Interface and 4x1GbE (1000BASE-BX) for Fabric Interface (PICMG 3.1 link option 1, 2, and 3); Fabric Interface Card (FIC) provides 4x1GbE (1000BASE-BX) for additional Fabric Interfaces

▲ Indicates a new product

Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories
Media Processing — Combined Media Boards										
Conferencing + Speech + Voice + Fax Boards										
DMV600BTEP ¹	60	16	60	Y	PCIU	CT Bus	2 RJ-48C	Linux*, Windows*	3.3, 5	N
DMV600BTEC ¹	60	16	60	Y	cPCI	CT Bus	2 RJ-48C or BNC (via rear I/O)	Linux, Windows	5	Rear I/O, T-1/E-1
DMV1200BTEP ¹	120	8	36	Y	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N
DMV1200BTEC ¹	120	12	60	Y	cPCI	CT Bus	4 RJ-48C or BNC (via rear I/O)	Linux, Windows	5	Rear I/O, T-1/E-1
DMV3600BP ^{1,2}	Up to 360	Up to 24	Up to 576	Y	PCIU	CT Bus	None	Linux, Windows	3.3, 5	N
DMV4800BC ^{1,2}	Up to 480	Up to 16	Up to 704	Y	cPCI	CT Bus	None	Linux, Windows	5	N
Conferencing + Speech + Voice Boards										
DMV480A2T1PCI ²	48	12	60	Y	PCIU	CT Bus	2 RJ-48C	Linux, Windows	3.3, 5	N
DMV480A2T1CR2	48	0	60	Y	cPCI	CT Bus	2 RJ-48C (via rear I/O)	Linux, Windows	5	Rear I/O, T-1
DMV600A2E1PCI ²	60	12	60	Y	PCIU	CT Bus	2 RJ-48C	Linux, Windows	3.3, 5	N
DMV600A2E1CR2	60	0	60	Y	cPCI	CT Bus	2 RJ-48C or BNC (via rear I/O)	Linux, Windows	5	Rear I/O, E-1
DMV2400APCI ²	Up to 240	Up to 12	Up to 240	Y	PCIU	CT Bus	None	Linux, Windows	3.3, 5	N
DMV2400ACPCI ²	Up to 240	Up to 15	Up to 240	Y	cPCI	CT Bus	None	Linux, Windows	5	N
Voice + Fax and/or Speech Boards										
D4PCIUF	4	4	0	N	PCIU	None	4 RJ-11	Linux, Windows	3.3, 5	N
D4PCIU4S	4	0	0	Y	PCIU	None	4 RJ-11	Linux, Windows	3.3, 5	N
D160JCT ²	16	4	0	Y	PCIU	CT Bus	None	Linux, Windows	3.3, 5	N
D320JCTU ²	32	8	0	Y	PCIU	CT Bus	None	Linux, Windows	3.3, 5	N
D41JCTLS	4	4	0	Y	PCIU	CT Bus	4 RJ-11	Linux, Windows	3.3, 5	N
D120JCTLSU ²	12	4	0	Y	PCIU	CT Bus	6 RJ-14	Linux, Windows	3.3, 5	N
VFX41JCTLS ²	4	4	0	Y	PCIU	CT Bus	4 RJ-11	Linux, Windows	3.3, 5	N
D240JCTT1R2U ²	24	4	0	Y	PCIU	CT Bus	1 RJ-48C	Linux, Windows	3.3, 5	N
D300JCTE175R2U ²	30	4	0	N	PCIU	CT Bus	1 BNC	Linux, Windows	3.3, 5	N
D300JCTE1120R2U ²	30	4	0	N	PCIU	CT Bus	1 RJ-48C	Linux, Windows	3.3, 5	N
D480JCT1T1U ²	24	4	0	Y	PCIU	CT Bus	1 RJ-48C	Linux, Windows	3.3, 5	N
D600JCT1E175U ²	30	4	0	Y	PCIU	CT Bus	1 BNC	Linux, Windows	3.3, 5	N

¹ These products include universal media loads which offer mixed media resources including voice, fax, and conferencing. For more information about media loads, please refer to <http://resource.intel.com/telecom/support/documentation/releases/index.htm> for the release guides for the Intel® Dialogic® System Release you are using. ² Not all combinations available simultaneously, e.g., 360 voice with no fax, no conferencing.

Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories
Media Processing – Combined Media Boards (cont.)										
Voice + Fax and/or Speech Boards (cont.)										
D600JCT1E1120U ²	30	4	0	Y	PCIU	CT Bus	1 RJ-48C	Linux, Windows	3.3, 5	N
D480JCT2T1R2U ²	48	8	0	Y	PCIU	CT Bus	2 RJ-48C	Linux, Windows	3.3, 5	N
D600JCT2E175R2U ²	60	8	0	N	PCIU	CT Bus	2 BNC	Linux, Windows	3.3, 5	N
D600JC2E1120R2U ²	60	8	0	N	PCIU	CT Bus	2 RJ-48C	Linux, Windows	3.3, 5	N
DMV160LP	16	4	0	16	PCIU	CT Bus	6 RJ-25	Windows	3.3, 5	N
DMV960A4T1PCI ¹	96	4	15	Y	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N
DMV960A4T1CR2	96	0	0	Y	cPCI	CT Bus	4 RJ-48C (via rear I/O)	Linux, Windows	5	Rear I/O, T-1
DMV1200A4E1PCI	120	0	0	Y	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N
DMV1200A4E1CR2	120	0	0	Y	cPCI	CT Bus	4 RJ-48C or BNC (via rear I/O)	Linux, Windows	5	Rear I/O, E-1
Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories
Media Processing – Single Media Boards										
Fax Boards										
DMF2401T1PCIU	0	24	0	N	PCIU	CT Bus	1 RJ-48C	Linux, Windows	3.3, 5	N
DMF3001E1PCIU	0	30	0	N	PCIU	CT Bus	1 RJ-48C	Linux, Windows	3.3, 5	N
DMF300PCIU	0	30	0	N	PCIU	CT Bus	None	Linux, Windows	3.3, 5	N
DMF300CPCI	0	30	0	N	cPCI	CT Bus	None	Linux, Windows	3.3, 5	N
Voice Boards										
DMV4804T1PCIU	48	0	0	N	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N
DMV4804T1CPCI	48	0	0	N	cPCI	CT Bus	4 RJ-48C (via rear I/O)	Linux, Windows	5	Rear I/O, T-1
DMV6004E1PCIU	60	0	0	N	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N
DMV6004E1CPCI	60	0	0	N	cPCI	CT Bus	4 RJ-48C or BNC (via rear I/O)	Linux, Windows	5	Rear I/O, E-1
DMV9604T1PCIU	96	0	0	N	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N

¹ These products include universal media loads which offer mixed media resources including voice, fax, and conferencing. For more information about media loads, please refer to <http://resource.intel.com/telecom/support/documentation/releases/index.htm> for the release guides for the Intel® Dialogic® System Release you are using. ² Not all combinations available simultaneously, e.g., 360 voice with no fax, no conferencing.

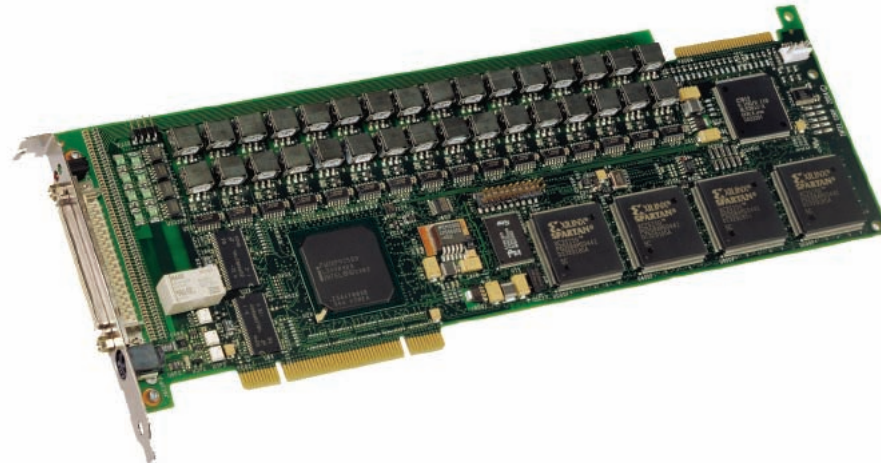
Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories	
Media Processing — Single Media Boards (cont.)											
Voice Boards (cont.)											
DMV9604T1CPCI	96	0	0	N	cPCI	CT Bus	4 RJ-48C (via rear I/O)	Linux, Windows	5	Rear I/O, T-1	
DMV12004E1PCIU	120	0	0	N	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N	
DMV12004E1CPCI	120	0	0	N	cPCI	CT Bus	4 RJ-48C or BNC (via rear I/O)	Linux, Windows	5	Rear I/O, E-1	
Item Market Name	Voice Resources	Fax Resources	Network Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories	
Signaling Boards											
Telephony Interface Boards											
DMN160TEC	0	0	0	N	cPCI	CT Bus	16 RJ-48C	Linux, Windows	5	Rear I/O, T-1/E-1	
DMT160TEC	0	0	0	N	cPCI	CT Bus	16 RJ-48C	Linux, Windows	5	Rear I/O, T-1/E-1	
DMN9604T1PCIU	0	0	0	N	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N	
DMN9604T1CPCI	0	0	0	N	cPCI	CT Bus	4 RJ-48C (via rear I/O)	Linux, Windows	5	Rear I/O, T-1	
DMN12004E1PCIU	0	0	0	N	PCIU	CT Bus	4 RJ-48C	Linux, Windows	3.3, 5	N	
DMN12004E1CPCI	0	0	0	N	cPCI	CT Bus	4 RJ-48C or BNC (via rear I/O)	Linux, Windows	5	Rear I/O, E-1	
▲DNI300TEPHMP	0	0	24 or 30	N	PCIU	CT Bus	1 RJ-48C	Windows	3.3, 5	N	
▲DNI601TEPHMP	0	0	48 or 60	N	PCIU	CT Bus	2 RJ-48C	Windows	3.3, 5	N	
▲DNI1200TEPHMP	0	0	96 or 120	N	PCIU	CT Bus	4 RJ-48C	Windows	3.3, 5	N	
Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	IP Channels	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories
Signaling Boards											
IP Boards											
DMIP2411T1P100	24	Y	30	24	Y	PCIU	CT Bus	1 RJ-48C, Ethernet	Linux, Windows	3.3, 5	N
DMIP3011E1P100	30	Y	30	30	Y	PCIU	CT Bus	1 RJ-48C, Ethernet	Linux, Windows	3.3, 5	N
DMIP4812T1P100	48	Y	0	48	N	PCIU	CT Bus	2 RJ-48C, Ethernet	Linux, Windows	3.3, 5	N
DMIP6012E1P100	60	Y	0	60	N	PCIU	CT Bus	2 RJ-48C, Ethernet	Linux, Windows	3.3, 5	N
DMIP4812T1C100	48	Y	0	48	Y	cPCI	CT Bus	2 RJ-48C, Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, T-1/100BT
DMIP6012E1C100	60	Y	0	60	Y	cPCI	CT Bus	2 RJ-48C, Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, E-1/100BT
DMIP601C100BT	60	Y	0	60	Y	cPCI	CT Bus	Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, T-1/100BT
IPT10000C	0	0	0	1000 ³	N	cPCI	CT Bus	Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, 1000/100BT

▲ Indicates a new product ³ G.711 coder only

Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	IP Channels	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories
Signaling Boards (cont.)											
IP Boards (cont.)											
IPT6720C	0	0	0	672	N	cPCI	CT Bus	Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, 1000/100BT
IPT4800C	0	0	0	480	N	cPCI	CT Bus	Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, 1000/100BT
IPT2400C	0	0	0	240	N	cPCI	CT Bus	Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, 1000/100BT
IPT1200C	0	0	0	120	N	cPCI	CT Bus	Ethernet (via rear I/O)	Linux, Windows	3.3, 5	Rear I/O, 1000/100BT
Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories	
Signaling Boards											
PBX Integration Boards											
D82JCTU	8	2	0	Y	PCI	CT Bus	Digital	Linux, Windows	5	D82UCABLE (not included with board)	
D82JCTUPCIUNIV	8	2	0	Y	PCIU	CT Bus	Digital	Linux, Windows	3.3, 5	D82UCABLE	
D42JCTU	4	1	0	Y	PCIU	CT Bus	Digital	Linux, Windows	3.3, 5	D82UCABLE (not included with board)	
SS7 Boards – See Signaling Tab											
Item Market Name	Voice Resources	Fax Resources	Conferencing Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories	
Switching Boards											
Conferencing + Speech + Station Interface + Voice Boards											
DIO408LSAR2	8	2	9	4	PCIU	CT Bus	3 RJ-61	Linux, Windows	3.3, 5	MSISCGBLPWRMOD, DIO408BOBKIT18	
DIO408LSAR2EU	8	2	9	4	PCIU	CT Bus	3 RJ-61	Linux, Windows	3.3, 5	MSISCGBLPWRMOD, DIO408BOBKIT18	
DIO408LSAR2I	8	2	9	4	PCIU	CT Bus	3 RJ-61	Linux, Windows	3.3, 5	DIINTPPS, DIO408BOBKIT18	
DIO408LSAR2EUI	8	2	9	4	PCIU	CT Bus	3 RJ-61	Linux, Windows	3.3, 5	DIINTPPS, DIO408BOBKIT18	
DISI32R2	32	0	16	N	PCIU	CT Bus	DB-68F	Linux, Windows	3.3, 5	MSISCGBLPWRMOD, DISIBOBKIT, CBLTACOX32	
DISI24R2	24	0	16	N	PCIU	CT Bus	DB-68F	Linux, Windows	3.3, 5	MSISCGBLPWRMOD, DISIBOBKIT, CBLTACOX32	
DISI16R2	16	0	16	N	PCIU	CT Bus	DB-68F	Linux, Windows	3.3, 5	MSISCGBLPWRMOD, DISIBOBKIT, CBLTACOX32	

Item Market Name	Voice Resources	Network Resources	Conferencing Resources	CSP	Form Factor	Resource Bus	Connection	Operating System	Volts	Required Accessories
Switching Boards (cont.)										
Station Interface Boards										
▲DSI162HMP	0	16	0	N	PCIU	CT Bus	68-pin MDR	Windows	3.3, 5	CBLDSI162HMP, PSDSI16224V, PSDSI16248V
▲DSI162LGNHMP	0	16	0	N	PCIU	CT Bus	68-pin MDR	Windows	3.3, 5	CBLDSI162LGNHMP, PSDSI16248V
HDSI1200PCIU	0	0	0	N	PCIU	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL
HDSI960PCIU	96	0	0	N	PCIU	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL
HDSI720PCIU	72	0	0	N	PCIU	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL
HDSI480PCIU	48	0	0	N	PCIU	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL
HDSI1200CPCI	0	0	0	N	cPCI	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL
HDSI960CPCI	96	0	0	N	cPCI	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL
HDSI720CPCI	72	0	0	N	cPCI	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL
HDSI480CPCI	48	0	0	N	cPCI	CT Bus	RJ-21X	Linux, Windows	3.3, 5	SA240MSIGLOBAL

▲ Indicates a new product



Item Market Name	Description	Operating System
Intel NetStructure® Host Media Processing Software		
Release 2.0 for Windows*¹		
▲DMIPS10C20W	Conferencing resource	Windows
▲DMIPS10E20W	Enhanced RTP resource	Windows
▲DMIPS10F20W	T.38 fax termination resource	Windows
▲DMIPS10I20W	IP call control resource	Windows
▲DMIPS10R20W	RTP G.711 resource	Windows
▲DMIPS10S20W	Speech integration resource	Windows
▲DMIPS10V20W	Voice resource	Windows
▲DMIPS10C20WHD	Conferencing resource — high density ²	Windows
▲DMIPS10E20WHD	Enhanced RTP resource — high density ²	Windows
▲DMIPS10F20WHD	T.38 fax termination resource — high density ²	Windows
▲DMIPS10I20WHD	IP call control resource — high density ²	Windows
▲DMIPS10R20WHD	RTP G.711 resource — high density ²	Windows
▲DMIPS10S20WHD	Speech integration resource — high density ²	Windows
▲DMIPS10V20WHD	Voice resource — high density ²	Windows
Release 2.0 Upgrade for Windows*³		
▲DMIPS10C20WUP	Conferencing resource upgrade	Windows
▲DMIPS10E20WUP	Enhanced RTP resource upgrade	Windows
▲DMIPS10F20WUP	T.38 fax termination resource upgrade	Windows
▲DMIPS10I20WUP	IP call control resource upgrade	Windows
▲DMIPS10R20WUP	RTP G.711 resource upgrade	Windows
▲DMIPS10S20WUP	Speech integration resource upgrade	Windows
▲DMIPS10V20WUP	Voice resource upgrade	Windows
▲DMIPS10C20WHDUP	Conferencing resource — high-density ² upgrade	Windows
▲DMIPS10E20WHDUP	Enhanced RTP resource — high-density ² upgrade	Windows
▲DMIPS10F20WHDUP	T.38 fax termination resource — high-density ² upgrade	Windows
▲DMIPS10I20WHDUP	IP call control resource — high-density ² upgrade	Windows
▲DMIPS10R20WHDUP	RTP G.711 resource — high-density ² upgrade	Windows

▲ Indicates a new product ¹ Sold in single resource increments ² High density: Configurations over 120 RTP G.711 ports per server ³ Upgrades available for Release 1.1 and Release 1.3

Item Market Name	Description	Operating System
Intel NetStructure® Host Media Processing Software (cont.)		
Release 2.0 Upgrade for Windows*³ (cont.)		
▲DMIPS10S20WHDUP	Speech integration resource — high-density ² upgrade	Windows
▲DMIPS10V20WHDUP	Voice resource — high-density ² upgrade	Windows
Release 1.5 for Linux*¹		
▲DMIPS10C15L	Conferencing resource	Linux
▲DMIPS10E15L	Enhanced RTP resource	Linux
▲DMIPS10F15L	T.38 fax termination resource	Linux
▲DMIPS10I15L	IP call control resource	Linux
▲DMIPS10M15L	Multimedia resource	Linux
▲DMIPS10R15L	RTP G.711 resource	Linux
▲DMIPS10S15L	Speech integration resource	Linux
▲DMIPS10V15L	Voice resource	Linux
▲DMIPS10C15LHD	Conferencing resource — high density ²	Linux
▲DMIPS10E15LHD	Enhanced RTP resource — high density ²	Linux
▲DMIPS10F15LHD	T.38 fax termination resource — high density ²	Linux
▲DMIPS10I15LHD	IP call control resource — high density ²	Linux
▲DMIPS10M15LHD	Multimedia resource — high density ²	Linux
▲DMIPS10R15LHD	RTP G.711 resource — high density ²	Linux
▲DMIPS10S15LHD	Speech integration resource — high density ²	Linux
▲DMIPS10V15LHD	Voice resource — high density ²	Linux
Release 1.3 for Windows*¹		
DMIPS10C13W	Conferencing resource	Windows
DMIPS10E13W	Enhanced RTP resource	Windows
DMIPS10F13W	T.38 fax termination resource	Windows
DMIPS10I13W	IP call control resource	Windows
DMIPS10R13W	RTP G.711 resource	Windows
DMIPS10S13W	Speech integration resource	Windows
DMIPS10V13W	Voice resource	Windows

▲ Indicates a new product ¹ Sold in single resource increments ² High density: Configurations over 120 RTP G.711 ports per server ³ Upgrades available for Release 1.1 and Release 1.3

Item Market Name	Description	Operating System
Intel NetStructure® Host Media Processing Software (cont.)		
Release 1.3 for Windows*¹ (cont.)		
DMIPS10C13WHD	Conferencing resource — high density ²	Windows
DMIPS10E13WHD	Enhanced RTP resource — high density ²	Windows
DMIPS10F13WHD	T.38 fax termination resource — high density ²	Windows
DMIPS10I13WHD	IP call control resource — high density ²	Windows
DMIPS10R13WHD	RTP G.711 resource — high density ²	Windows
DMIPS10S13WHD	Speech integration resource — high density ²	Windows
DMIPS10V13WHD	Voice resource — high density ²	Windows
Release 1.2 for Linux*¹		
DMIPS10C12L	Conferencing resource	Linux
DMIPS10E12L	Enhanced RTP resource	Linux
DMIPS10F12L	T.38 fax termination resource	Linux
DMIPS10I12L	IP call control resource	Linux
DMIPS10R12L	RTP G.711 resource	Linux
DMIPS10S12L	Speech integration resource	Linux
DMIPS10V12L	Voice resource	Linux
DMIPS10C12LHD	Conferencing resource — high density ²	Linux
DMIPS10E12LHD	Enhanced RTP resource — high density ²	Linux
DMIPS10F12LHD	T.38 fax termination resource — high density ²	Linux
DMIPS10I12LHD	IP call control resource — high density ²	Linux
DMIPS10R12LHD	RTP G.711 resource — high density ²	Linux
DMIPS10S12LHD	Speech integration resource — high density ²	Linux
DMIPS10V12LHD	Voice resource — high density ²	Linux
Release 1.1 for Windows*¹		
DMIPS10C11W	Conferencing resource	Windows
DMIPS10E11W	Enhanced RTP resource	Windows

¹ Sold in single resource increments ² High density: Configurations over 120 RTP G.711 ports per server

Item Market Name	Description	Operating System	
Intel NetStructure® Host Media Processing Software (cont.)			
Release 1.1 for Windows*¹ (cont.)			
DMIPS10F11W	T.38 fax termination resource	Windows	
DMIPS10I11W	IP call control resource	Windows	
DMIPS10R11W	RTP G.711 resource	Windows	
DMIPS10S11W	Speech integration resource	Windows	
DMIPS10V11W	Voice resource	Windows	
Item Market Name	Description		
Intel NetStructure® Host Media Processing Software			
Maintenance Products for Intel NetStructure Host Media Processing Software⁴			
▲DMIPS10A20W	One-year maintenance		
▲DMIPS10A20WHD	One-year maintenance, high density ²		
Item Market Name	Description	Operating System	
Intel NetMerge® Call Manager Software⁵			
NMCALMGRV12LIC	Version 1.2 standard license	Windows 2003	
NMCALMGRV12ADPT	Version 1.2 upgrade license for additional ports	Windows 2003	
Item Market Name	Description	Form Factor	Operating System
Intel® Dialogic® System Release Software (Development Tools)			
SR511WINFP1	System Release 5.1.1 Feature Pack 1 for Windows	PCI/cPCI	Windows
SR51LINUXFP2	System Release 5.1 Feature Pack 2 for Linux	PCI/cPCI	Linux
SR60CPCILINUX	System Release 6.0 CompactPCI for Linux	cPCI	Linux
SR60PCIWIN	System Release 6.0 PCI for Windows	PCI	Windows
SR60CPCIWINFP1	System Release 6.0 CompactPCI Feature Pack 1 for Windows	cPCI	Windows
▲SR61LINUX	System Release 6.1 for Linux	PCI/cPCI	Linux
▲SR61CPCIWIN	System Release 6.1 CompactPCI for Windows	cPCI	Windows

▲ Indicates a new product ¹ Sold in single resource increments ² High density: Configurations over 120 RTP G.711 ports per server ⁴ Available for Release 1.1, Release 1.2, Release 1.3, Release 1.5, Release 2.0 at time of purchase, for a one-year term and renewable yearly for upgrades to new releases on the same operating system (i.e., Windows or Linux). ⁵ Sold in 4-, 8-, 12-, 16-, 24-, 48-, and 96-port increments

Item Market Name	Description	
Intel NetStructure® T1/E1-IP Media Gateways		
▲ TIMG300DTI	Single span T1/E1 IP media gateway	
▲ TIMG600DTI	Dual span T1/E1 IP media gateway	
Item Market Name	Description	Notes
Intel NetStructure® PBX-IP Media Gateways		
PIMG80DNIV4	8 ports, digital PBX network interface for various PBXs	Cables not included. Each unit requires 1 Ethernet cable and 1 RJ-11 cable per PBX channel.
PIMG80DSIV4	8 ports, digital PBX station interface for various PBXs	Cables not included. Each unit requires 1 Ethernet cable and 1 RJ-11 cable per PBX channel.
PIMG80MTLDNIV4	8 ports, digital PBX network interface for Mitel	Cables not included. Each unit requires 1 Ethernet cable and 1 RJ-11 cable per PBX channel.
PIMG80LSV4	8 ports, analog loop start interface	Cables not included. Each unit requires 1 Ethernet cable and 1 RJ-11 cable per PBX channel.
PIMG80LGNDNIV4	8 ports, digital PBX network interface for Legend	Cables not included. Each unit requires 1 Ethernet cable and 1 RJ-11 cable per PBX channel.
PIMG80LGNDNIV4	8 ports, digital PBX station interface for Legend	Cables not included. Each unit requires 1 Ethernet cable and 1 RJ-11 cable per PBX channel.
PIMG80RLMDNIV4	8 ports, digital PBX station interface for Rolm	Cables not included. Each unit requires 1 Ethernet cable and 1 RJ-11 cable per PBX channel.
Item Market Name	Description	
Intel® Carrier Grade and Communications Platforms		
TCPA0201	Intel® Carrier Grade Server TIGPT1U, 1U, 250W AC PFC, support for 2 internal SCSI disk drives	
TCPD0201	Intel Carrier Grade Server TIGPT1U, 1U, 250W DC PFC, support for 2 internal SCSI disk drives	
TCPA0301	Intel Carrier Grade Server TIGPT1U, 1U, 250W AC PFC, support for U320 SCSI internal and external (LVD port) disk drives	
TCPD0301	Intel Carrier Grade Server TIGPT1U, 1U, 250W DC PFC, support for U320 SCSI internal and external (LVD port) disk drives	
TLPA0201	Intel Carrier Grade Server TIGPR2U, 2U, 500W AC PFC, 3.3V PCI riser, support for 2 internal disk drives, and external SCSI channel, CD	
TLPD0201	Intel Carrier Grade Server TIGPR2U, 2U, 500W DC PFC, 3.3V PCI riser, support for 2 internal disk drives, and external SCSI channel, CD	
TLIA0201	Intel Carrier Grade Server TIGI2U, 2U, 600W AC PFC, support for 2 internal disk drives, and external SCSI channel, DVD/CD-RW	
TLID0201	Intel Carrier Grade Server TIGI2U, 2U, 600W DC PFC, support for 2 internal disk drives, and external SCSI channel, DVD/CD-RW	
Item Market Name	Description	
Intel® IP Network Server		
NSIA0100	Intel® IP Network Security Server NSI2U, 2U, 600W AC PFC, 2 internal SATA disk drives	
SS7 Signaling Servers — See Signaling Tab		

▲ Indicates a new product

Item Market Name	Description	SS7 Links	Form Factor	Resource Bus	Connection	Operating System	Volts
Intel NetStructure® SS7 Boards							
High Density							
SS7HDPD4TE	Dual signaling processors, 4 T-1/E-1	16 or 64	PCI	CT Bus / H.100	4 RJ-45	Linux, Solaris*, Windows	3.3, 5
SS7HDCN16	Digital network interface, clear channel mode, 16 T-1/E-1	NA	cPCI	CT Bus / H.110	Via RTM	Linux, Solaris, Windows	3.3, 5
SS7HDCS8	Single signaling processor, 8 T-1/E-1	8 or 32	cPCI	CT Bus / H.110	Via RTM	Linux, Solaris, Windows	3.3, 5
SS7HDCD16	Dual signaling processor, 16 T-1/E-1	16 or 64	cPCI	CT Bus / H.110	Via RTM	Linux, Solaris, Windows	3.3, 5
SS7HDCQ16	Quad signaling processor, 16 T-1/E-1	32 or 128	cPCI	CT Bus / H.110	Via RTM	Linux, Solaris, Windows	3.3, 5
SS7HDCR8TE	Rear transition module, 8 T-1/E-1	NA	cPCI	CT Bus / H.110	8 RJ-45	Linux, Solaris, Windows	3.3, 5
SS7HDCR16TE	Rear transition module, 16 T-1/E-1, via breakout box (BOB)	NA	cPCI	CT Bus / H.110	2 50-way	Linux, Solaris, Windows	3.3, 5
Low Density							
SS7SPCI2S	2 T-1/E-1 and 2 V.11 ports	4	PCI	CT Bus / H.100	2 RJ-45, 1 26-way D	Linux, Solaris, Windows	3.3, 5
SS7SPCI4	4 T-1/E-1	4	PCI	CT Bus / H.100	4 RJ-45	Linux, Solaris, Windows	3.3, 5
Item Market Name	Description					Use in Board Types	
Protocols — License Buttons for Boards							
High Density							
SS7SBHDFBA	Monitoring software, 32 links per signaling processor, HSL and LSL modes					SS7HDP, SS7HDC	
SS7SBHDFBC	MTP2/3, 8 links per signaling processor					SS7HDP, SS7HDC	
SS7SBHDFBD	MTP2/3, 32 links per signaling processor + ISUP/TUP/SCCP/TCAP regular license, HSL and LSL modes					SS7HDP, SS7HDC	
SS7SBHDFBE	Protocol stacks up to ISUP/TUP/TCAP large license + MAP/IS41/INAP regular license, HSL and LSL modes					SS7HDP, SS7HDC	
SS7SBHDFBF	Protocol stacks up to MAP/IS41/INAP large license + other combined run modes, HSL and LSL modes					SS7HDP, SS7HDC	
SS7SBHDFBG	License for operation in SS7G22 systems					SS7HDP, SS7HDC	
Low Density							
SS7SBPCIMTP2	MTP2 (does not include MTP3) — used with Host MTP3					SPCI2S, SPCI4	
SS7SBPCIMTP	Full MTP (2 and 3)					SPCI2S, SPCI4	
SS7SBPCIISUP	ISUP256 + MTP					SPCI2S, SPCI4	

Item Market Name	Description	Use in Board Types
Protocols — License Buttons for Boards (cont.)		
Low Density (cont.)		
SS7SBPCIISUPL	ISUP4096 + MTP	SPCI2S, SPCI4
SS7SBPCITUPL	TUP4096 + MTP	SPCI2S, SPCI4
SS7SBPCINUPL	NUP4096 + MTP	SPCI2S, SPCI4
SS7SBPCISCCPCL	SCCP (connectionless) + MTP	SPCI2S, SPCI4
SS7SBPCISCCPCO	SCCP (connection-oriented) + MTP	SPCI2S, SPCI4
SS7SBPCITCAP	TCAP + SCCP (connectionless) + MTP	SPCI2S, SPCI4
SS7SBPCIMAP	MAP + TCAP + SCCP (connectionless) + MTP	SPCI2S, SPCI4
SS7SBPCIIS41	IS41 + TCAP + SCCP (connectionless) + MTP	SPCI2S, SPCI4
SS7SBPCIISTC	ISUP + TCAP + SCCP (connectionless) + MTP	SPCI2S, SPCI4
SS7SBPCIMONITOR	Software for passive SS7 monitoring	SPCI2S, SPCI4
SS7SBPCISYS	License for operating in SS7G21 systems	SPCI2S, SPCI4

Item Market Name	Description
Signaling Software SIGTRAN for CompactPCI*, AdvancedTCA*, and Rack Mount Servers	
SS7SBHSTM3UA	Host M3UA
SS7SBHSTM2PA	Host M2PA

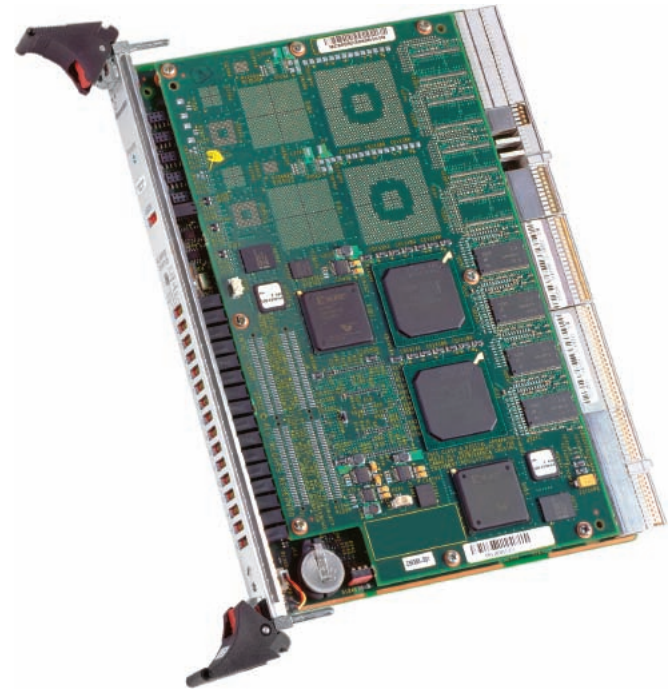
Item Market Name	Description
Signaling Software SS7 for CompactPCI*, AdvancedTCA*, and Rack Mount Servers	
SS7SBHSTMTP3	Host MTP3
SS7SBHSTISUP	Host ISUP
SS7SBHSTTUP	Host TUP
SS7SBHSTSCCPCL	Host SCCP (connectionless)
SS7SBHSTSCCPCO	Host SCCP (connection-oriented)
SS7SBHSTTCAP	Host TCAP
SS7SBHSTMAP	Host MAP
SS7SBHSTIS41	Host IS41 (TIA-41, ANSI-41)
SS7SBHSTINAP	Host INAP

Item Market Name	Description	SS7 Links	Connection	Notes
Intel NetStructure® Signaling Servers				
High Density				
▲SS7G22AH1	SS7G22 system, 1 SS7HDP board, AC PSU	64	4 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G22AH2	SS7G22 system, 2 SS7HDP boards, AC PSU	128	8 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G22AH3	SS7G22 system, 3 SS7HDP boards, AC PSU	128	12 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G22DH1	SS7G22 system, 1 SS7HDP board, DC PSU	64	4 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G22DH2	SS7G22 system, 2 SS7HDP boards, DC PSU	128	8 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G22DH3	SS7G22 system, 3 SS7HDP boards, DC PSU	128	12 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
Low Density				
▲SS7G21AQ1	SS7G21 system, 1 SPC14 board, AC PSU	4	4 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21AQ2	SS7G21 system, 2 SPC14 boards, AC PSU	8	8 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21AQ3	SS7G21 system, 3 SPC14 boards, AC PSU	12	12 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21DQ1	SS7G21 system, 1 SPC14 board, DC PSU	4	4 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21DQ2	SS7G21 system, 2 SPC14 boards, DC PSU	8	8 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21DQ3	SS7G21 system, 3 SPC14 boards, DC PSU	12	12 T-1/E-1	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21AD1	SS7G21 system, 1 SPC12S board, AC PSU	4	2 T-1/E-1 and 2 V.11	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21AD2	SS7G21 system, 2 SPC12S boards, AC PSU	8	4 T-1/E-1 and 4 V.11	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21AD3	SS7G21 system, 3 SPC12S boards, AC PSU	12	6 T-1/E-1 and 6 V.11	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21DD1	SS7G21 system, 1 SPC12S board, DC PSU	4	2 T-1/E-1 and 2 V.11	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21DD2	SS7G21 system, 2 SPC12S boards, DC PSU	8	4 T-1/E-1 and 4 V.11	Includes MTP protocol, host drivers for Linux, Solaris, Windows
▲SS7G21DD3	SS7G21 system, 3 SPC12S boards, DC PSU	12	6 T-1/E-1 and 6 V.11	Includes MTP protocol, host drivers for Linux, Solaris, Windows
Item Market Name	Description			
Protocols for Signaling Servers				
▲SS7SBG20ISUP	SS7G20 ISUP protocol			
▲SS7SBG20SCCPCL	SS7G20 SCCP CL protocol			
▲SS7SBG20SCPCO	SS7G20 SCCP CO protocol			
▲SS7SBG20TCAP	SS7G20 TCAP protocol			
▲SS7SBG20MAP	SS7G20 MAP protocol			

▲ Indicates a new product

Item Market Name	Description
Protocols for Signaling Servers (cont.)	
▲SS7SBG20IS41	SS7G20 IS41 protocol
▲SS7SBG20INAP	SS7G20 INAP protocol
▲SS7SBG20SGW	SS7G20 SS7/SIGTRAN signaling gateway (SGW) mode and M3UA SIGTRAN protocol
▲SS7SBG20M2PA	SS7G20 M2PA SIGTRAN protocol for the SS7/SIGTRAN signaling gateway mode
▲SS7SBG20DSC	SS7G20 DSC protocol converter mode with ISUP and ISDN

▲ Indicates a new product



Item Market Name	Description	Form Factor	Warranty	Operating System
Intel NetStructure® Single Board Computers: 2.16 PICMG* Compliant				
MPCBL5504B1D	Single Mobile Intel® Pentium® III processor, 1 GHz, 1 GB ECC SDRAM	cPCI (6U)	2 years	Linux, VxWorks*, Windows
MPCBL5524A1C	Dual Pentium III processor, 933 MHz, supports up to 4 GB ECC SDRAM, with onboard EIDE hard drive socket, dual GB Ethernet	cPCI (6U)	2 years	Linux, VxWorks, Windows
MPCBL5524A1D	Single Pentium III processor, 933 MHz, supports up to 4 GB ECC SDRAM, with onboard EIDE hard drive socket, dual GB Ethernet	cPCI (6U)	2 years	Linux, VxWorks, Windows
ZT5515A1A	Mobile Intel® Pentium® 4 processor-M, 1.2 GHz, up to 2 GB ECC SDRAM, PMC slot, with 16 MB onboard Intel StrataFlash®, GB Ethernet	cPCI (6U)	2 years	Linux, VxWorks, Windows
ZT5515A1B	Mobile Intel Pentium 4 processor-M, 1.2 GHz, up to 2 GB ECC SDRAM, EIDE interface, with 16 MB onboard Intel StrataFlash, GB Ethernet	cPCI (6U)	2 years	Linux, VxWorks, Windows
ZT5524A1A	Dual Pentium III processor, 933 MHz, supports up to 1 GB ECC SDRAM, with onboard EIDE hard drive socket, dual GB Ethernet	cPCI (6U)	2 years	Linux, VxWorks, Windows
ZT5524A1B	Single Pentium III processor, 933 MHz, supports up to 1 GB ECC SDRAM, with onboard EIDE hard drive socket, dual GB Ethernet	cPCI (6U)	2 years	Linux, VxWorks, Windows
Item Market Name	Description	Form Factor	Warranty	
Intel NetStructure® Platforms: 2.16 PICMG Compliant				
MPCHC5085AC	Redundant host packet switch platform, IPMI CMM, H.110 bus, 8 N+N 250W AC power	cPCI (12U) chassis	2 years	
MPCHC5085DC	Redundant host packet switch platform, IPMI CMM, H.110 bus, 8 N+N 250W DC power	cPCI (12U) chassis	2 years	
MPCHC5088AC	General-purpose packet switched platform, including 21 slots, 8 N+N 250W AC power	cPCI (12U) chassis	2 years	
MPCHC5088DC	General-purpose packet switched platform, including 21 slots, 8 N+N 250W DC power	cPCI (12U) chassis	2 years	
MPCHC5089DC	General-purpose packet switched platform, including 21 slots, 8 N+N 350W DC power	cPCI (12U) chassis	2 years	
MPCHC5091AC	General-purpose packet switched platform, 2 N+1 redundant 250W AC power supplies (3rd optional), 2 hot-swappable blowers and optional IPMI CMM	cPCI (4U) chassis	2 years	
MPCHC5091DC	General-purpose packet switched platform, 2 N+1 redundant 250W DC power supplies (3rd optional), 2 hot-swappable blowers and optional IPMI CMM	cPCI (4U) chassis	2 years	

Item Market Name	Description	Form Factor	Warranty	Notes
Components/Accessories: 2.16 PICMG Compliant				
ZT4807A	Rear panel transition board	cPCI (6U)	2 years	Companion to MPCBL5504B1D, MPCBL5524, ZT5515, and ZT5524 single board computers
ZT4901A1A	I/O mezzanine expansion card for ZT 5524	cPCI (6U)	2 years	With dual Fibre Channels and dual PMC sites
ZT6303	250W hot-swap AC power supply	NA	2 years	Spare 250W AC power supply for MPCHC5085, MPCHC5088, and MCPHC5091 chassis
ZT6313	250W hot-swap DC power supply	NA	2 years	Spare 250W DC power supply for MPCHC5085, MPCHC5088, and MCPHC5091 chassis
ZT6314	350W hot-swap DC power supply	NA	2 years	Spare 350W DC power supply for MPCHC5089 chassis
ZT7102	Chassis management module	cPCI (3U)	2 years	IPMI (PICMG 2.9 compliant) based chassis manager
ZT8101	10/100 Ethernet switch	cPCI (6U)	2 years	High-performance managed 2/3 layer Ethernet switch with 24 10/100 ports and 2 Gigabit Ethernet uplinks



Item Market Name	Description	Notes
Annual Technical Support Services		
DSVTSPRESEL	Premium Select for ISV Plan	Signed contract required
DSVTSPREPLUS	Premium Plus Support Plan	Signed contract required
DSVTSELITESEL	Elite Select Support Plan	Signed contract required
DSVTSELITEPLUS	Elite Managed Support Plan	Signed contract required
Item Market Name	Description	Notes
Value-Added Technical Support Services		
DSVTSONSITE	Onsite Support Services	Contact Support Services Management team
DSVTSPBXLABSVC	PBX Laboratory Services	Contact Support Services Management team
DSVTSTESTBED	In-Laboratory Test Bed	Contact Support Services Management team
DSVTSSTANDBY	Stand-By Support	Contact Support Services Management team
DSVTS24BY7YEAR	24x7 Yearly Contract	Contact Support Services Management team
Item Market Name	Description	Notes
Technical Training		
DSVESCUSTOM	Custom Training Class	Class

Item Market Name	Description	Notes
AdvancedTCA* Accessory		
MPRTM0020	Rear transition module	Interoperates with MPCBL0020 SBC and selected third-party T-1/E-1 PMC cards
Item Market Name	Description	Notes
Telecom Cables/Accessories		
1SCBUS1TERMKIT	1SCbus terminator kit assembly	Terminator + SCbus cable: For mixed systems with 1 SCbus board and any number of CT Bus boards
2SCBUS1TERMKIT	2SCbus terminator kit assembly	Terminator + SCbus cable: For mixed systems with 2 SCbus boards and any number of CT Bus boards
3SCBUS1TERMKIT	3SCbus terminator kit assembly	Terminator + SCbus cable: For mixed systems with 3 SCbus boards and any number of CT Bus boards
BOB32T1E1	Breakout box and four cables to support two DMN160TEC or DMT160TEC boards	Breakout box contains 32 RJ-45 connectors and is rack mountable
BRIYCABLE	BRI/SC or BRI/PCI shielded cable assembly	Shielded cable assembly for BRI/80SC, BRI/160SC, BRI/80PCI, BRI/160PCI
CABLBRD2SCBUS	1SCbus with extra drop (for terminator)	SCbus cable with extra drop (for terminator — purchased separately): For mixed systems with 1 SCbus board and any number of CT Bus boards
CABLBRD3SCBUS	2SCbus with extra drop (for terminator)	SCbus cable with extra drop (for terminator — purchased separately): For mixed systems with 2 SCbus boards and any number of CT Bus boards
CABLBRD4SCBUS	3SCbus with extra drop (for terminator)	SCbus cable with extra drop (for terminator — purchased separately): For mixed systems with 3 SCbus boards and any number of CT Bus boards
CBL6RJ25TORJ21X	Cable	RJ-21X to (6) RJ-25 cable used for DMV160LP
CBLCTB68C12DROP	12-drop CT Bus	12-drop CT Bus cable
CBLCTB68C16DROP	16-drop CT Bus	16-drop CT Bus cable
CBLCTB68C3DROP	3-drop CT Bus	3-drop CT Bus cable
CBLCTB68C4DROP	4-drop CT Bus	4-drop CT Bus cable
CBLCTB68C8DROP	8-drop CT Bus	8-drop CT Bus cable
CBLD120PCI25PP	D/120 adapter cable	RJ-21X to (6) RJ-14 for D/120JCT-LS
CBLD120PCIYADAP	D/120 conversion cable	"Two into One" conversion cable (European) for D/120JCT-LS
CBLD41EUK	UK telco cable	For D/41ESC
CBLDSI162HMP	Cable, 6 ft.	Connects a RJ-21X amphenol telco connector to a 68-pin, .050-inch Mini D ribbon board connector to DSI162HMP

Item Market Name	Description	Notes
Telecom Cables/Accessories (cont.)		
CBLDSI162LGNHMP	Cable, 6 ft.	Connects (2) RJ-21X amphenol telco connectors to a 68-pin, .050-inch Mini D ribbon board connector to DSI162LGNHMP
CBLLSI160TSA240	Cable	RJ-21X to DIN connector cable for LSI and D/160SC-LS
CBLPEBSCB12DROP	12-drop SCbus or PEB	12-drop SCbus or PEB cable (approximately 1 in. between drops)
CBLPEBSCB16DROP	16-drop SCbus or PEB	16-drop SCbus or PEB cable (approximately 1 in. between drops)
CBLPEBSCB4DROP	4-drop SCbus or PEB	4-drop SCbus or PEB cable (approximately 1 in. between drops)
CBLPEBSCB4DROP2	4-drop SCbus or PEB	4-drop SCbus or PEB cable (approximately 2 in. between drops)
CBLPEBSCB8DROP	8-drop SCbus or PEB	8-drop SCbus or PEB cable (approximately 1 in. between drops)
CBLPEBSCB8DROP2	8-drop SCbus or PEB	8-drop SCbus or PEB cable (approximately 2 in. between drops)
CBLRJ14TORJ11YA	D/120 conversion cable	"Two into One" conversion cable (US) for D/120JCT-LS
CBLRJ21XMSISC	Cable	RJ-21X for MSI/SC-GBL and HDSI
CBLSCB26C6DROP	6-drop SCbus or PEB	6-drop SCbus or PEB cable (approximately 1 in. between drops)
CBLSTADMSIPCIG	Cable	DB-37 to RJ-21X cable for MSI/PCI-GBL
CBLTACOX32	DISI telco adapter cable	Telco adapter cable for DI/SI; SCSI connector to (2) RJ-21X used for DISI32, DISI24, DISI16, DISI32R2, DISI24R2, DISI16R2
CBLTAC4X8	DIO408 telco adapter cable	Telco adapter cable for DI/O408-LS-A; (3) RJ-61 to RJ-21X used for DIO408LS
CBLVBPCNETTELCO	Telco PBX cable	Cable used for DL series of boards and connects board to PBX
CTBUSTOSCBUSADP	CT Bus device to SCbus adapter	CT Bus device to SCbus adapter
PIMGHDCABLEQ	Cable for PBX-IP media gateway	Cable used to connect 1 PBX-IP media gateway stacked in a PIMGHDCHASSISQ to a single 50 amphenol connector
SCLKSCLKX2TERM	Terminator	Terminator (for use with SCbus cable with extra drop [CABLBRDxSCBUS] — purchased separately): For mixed systems with 1, 2, or 3 SCbus boards and any number of CT Bus boards
Item Market Name	Description	Notes
CompactPCI*, Rear I/O Boards		
CPCIREARE1120	Rear I/O DM3 E1-120 (1 to 4 spans)	Required with DM/V-A, DM/V, DM/T, DM/N, DM/IP100BT
CPCIREARE1120KY	Rear I/O DM3 E1-120 (1 to 4 spans) keyed	Required with DM/V-A, DM/V, DM/T, DM/N, DM/IP100BT (works only on keyed chassis)
CPCIREARRJ48	Rear I/O DM3 T-1 (1 to 4 spans)	Required with DM/V-A, DM/V, DM/T, DM/N, DM/IP100BT
CPCIREARRJ48KYD	Rear I/O DM3 T-1 (1 to 4 spans) keyed	Required with DM/V-A, DM/V, DM/T, DM/N, DM/IP100BT (works only on keyed chassis)
REARIOV19E1120	Rear I/O DM/IP E1-120 (1 or 2 spans)	Required with DM/IP100BT

Item Market Name	Description	Notes
CompactPCI*, Rear I/O Boards (cont.)		
REARIOV19E1120K	Rear I/O DM/IP E1-120 (1 or 2 spans) keyed	Required with DM/IP100BT (works only on keyed chassis)
REARIOV19E175	Rear I/O DM3 E1-75 (1 to 4 spans)	Required with DM/V-A, DM/V, DM/T, DM/N, DM/IP100BT
REARIOV19E175KY	Rear I/O DM3 E1-75 (1 to 4 spans) keyed	Required with DM/V-A, DM/V, DM/T, DM/N, DM/IP100BT (works only on keyed chassis)
REARIOV19T1	Rear I/O DM/IP T-1 (1 or 2 spans)	Required with DM/IP100BT
REARIOV19T1KY	Rear I/O DM/IP T-1 (1 or 2 spans) keyed	Required with DM/IP100BT (works only on keyed chassis)
RIODMVBTEC	Rear I/O DMVB T-1 / E1-120 (2 to 4 spans)	Required with DMVB
RIODMVBTEC75	Rear I/O DMVB T-1 / E1-75 (2 to 4 spans)	Required with DMVB
RIODMVBTEC75KEY	Rear I/O DMVB T-1 / E1-75 (2 to 4 spans) keyed	Required with DMVB (works only on keyed chassis)
RIODMVBTECKEY	Rear I/O DMVB T-1 / E1-120 (2 to 4 spans) keyed	Required with DMVB (works only on keyed chassis)
RIODMX160RJ48M	Rear I/O DM/T and DM/N T-1 / E1-120 (16 spans)	Required with DM/T, DM/N (16 spans)
RIODMX160RJ48MK	Rear I/O DM/T and DM/N T-1 / E1-120 (16 spans) keyed	Required with DM/T, DM/N (16 spans) (works only on keyed chassis)
Item Market Name	Description	Notes
PBX Integration Accessories		
CBLVBPCNETTELCO	Telco PBX cable	Cable used for DL series of boards; connects board to PBX
D82UCABLE	D/82JCT-U cable	6 ft. cable to connect D/82JCT-U or D/42JCT-U to punchdown block
Item Market Name	Description	Notes
Line/Station Interface Accessories		
BOB25POSJ11	Breakout box	Breakout box for D/120JCT-LS
BRIPWRSPLYCORD	BRI/SC power supply and cable assembly	Power supply and cable assembly for BRI
BRIYCABLE	BRI/SC or BRI/PCI shielded cable assembly	Shielded cable assembly for BRI/80SC, BRI/160SC, BRI/80PCI, BRI/160PCI
CBLD120PCI25PP	D/120 adapter cable	RJ-21X to (6) RJ-14 for D/120JCT-LS
CBLD120PCIYADAP	D/120 conversion cable	"Two into One" conversion cable (European) for D/120JCT-LS
CBLDSI162HMP	Cable, 6 ft.	Connects a RJ-21X amphenol telco connector to a 68-pin, .050-inch mini D ribbon board connector to DSI162HMP
CBLDSI162LGNHMP	Cable, 6 ft.	Connects (2) RJ-21X amphenol telco connectors to a 68-pin, .050-inch mini D ribbon board connector to DSI162LGNHMP
CBLLSI160TSA240	Cable	RJ-21X to DIN connector cable for LSI and D/160SC-LS

Item Market Name	Description	Notes
Line/Station Interface Accessories (cont.)		
CBLRJ14TORJ11YA	D/120 conversion cable	"Two into One" conversion cable (US) for D/120JCT-LS
CBLRJ21XMSISC	Cable	RJ-21X for MSI/SC-GBL and HDSI
CBLSTADMSIPCIG	Cable	DB-37 to RJ-21X cable for MSI/PCI-GBL
CBLTACOX32	DISI telco adapter cable	Telco adapter cable for DI/SI; SCSI connector to (2) RJ-21X used for DISI32, DISI24, DISI16, DISI32R2, DISI24R2, DISI16R2
CBLTAC4X8	DIO408 telco adapter cable	Telco adapter cable for DI/0408-LS-A; (3) RJ-61 to RJ-21X used for DIO408LS
DIO408BOBKIT18	DI/0408-LS-A station/trunk BOB and cable	Breakout box and cable converts (3) RJ-61 to (12) RJ-11 for DIO408LSA
DIO408CBLKIT	DI/0408-LS-A tri-dongle kit	Station adapter; RJ-61 to (4) RJ-11, 3 assemblies per kit for DIO408LSA
DIINTPPS	Internal power supply for DIO408LSAR2I	Internal telephony power supply for DIO408LSAR2I, DIO408ISAR2EUI, DIO408LSAR2JPI
DISIBOBKIT	DI/SI32 BOB and cable	Breakout box and cable converts SCSI connector to RJ-21X for DISI32, DISI32R2, DISI24R2, DISI16R2
MSISCGBLPWRMOD	MSI/GBL power supply	External telephony power supply for MSI, DISI, DIO408 boards
PSDSI16224V	Power supply, 24V	External power supply required to provide station power for digital phones connected to DSI162HMP
PSDSI16248V	Power supply, 48V	External power supply required to provide station power for digital phones connected to DSI162HMP and DSI162LGNHMP
SA160CONNKIT	SA/160 line station adapter kit	Breakout box and cable DIN to RJ-21X for LSI and D/160SC-LS
SA240MSIGLOBAL	SA/240 station adapter kit for MSI/SC-GBL	Breakout box and cable RJ-21X for MSI/SC, MSI/SC-GBL, and HDSI boards
SA240PCI	SA/240 station adapter kit for MSI/PCI-GBL	Breakout box and cable DB-37 to RJ-21X for MSI/PCI-GBL
SHIELDEDBOB	BRI/SC or BRI/PCI shielded breakout box	Shielded breakout box for BRI/80SC, BRI/160SC, BRI/80PCI, BRI/160PCI
SI240DB	SI240DB HDSI daughterboard	24 station interface ports, daughterboard upgrade for HDSI boards
SI80PCIGBL	SI/80-PCI-Global	8 station interface ports, daughterboard upgrade for MSIB0PCIGBL
Item Market Name	Description	Notes
Gateway and Server Accessories		
PIMGHDCHASSISQ	Chassis used to stack multiple PBX-IP media gateways	Chassis holds up to seven PBX-IP media gateways. Cables not included. Each PBX-IP media gateway placed in the chassis requires 1 cable.
PIMGHDCABLEQ	Cable for PBX-IP media gateway	Cable used to connect 1 PBX-IP media gateway stacked in a PIMGHDCHASSISQ to a single 50 amphenol connector

Abbreviations

General Abbreviations

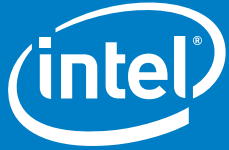
2003	Microsoft Windows 2003 operating system
68-pin MDR	68-pin mini D ribbon connector
AC	Alternating current
AdvancedTCA	Form factor
ATCA	AdvancedTCA* form factor
BNC	Bayonet-locking connector for slim coaxial cable
CD	Compact disc
cPCI	CompactPCI* form factor
CSP	Continuous speech processing
CT Bus	Computer telephony bus
DB-37	Standard connector with 37 pins
DB-68F	Standard 68-pin connector
DC	Direct current
DVD/CD-RW	Digital versatile disk/compact disk-read write
E-1	European version of a T-1 line. Transmits at 2.048 megabits/second.
ECC SDRAM	Error correction code synchronous dynamic random access memory
EIDE	Enhanced IDE (integrated development environment)
HSL	High-speed link (SS7)
I/O	Input/output transfer, normally between a CPU and a peripheral device
IP	Internet protocol
ISV	Independent software vendor
Linux	Linux* operating system
LSL	Low-speed link (SS7)
PBX	Private branch exchange
PCI	Form factor
PCIU	Universal PCI form factor
PEB	PCM expansion bus
PFC	Power factor correction
PICMG	PCI Industrial Manufacturers Group
PMC	PCI mezzanine card

General Abbreviations (cont.)

PSU	Power supply unit
RJ-11	Telephone connector that holds up to four wires. Used to plug the handset into the telephone and the telephone into the wall.
RJ-14	Telephone connector like the RJ-11, but for two phone lines
RJ-45	Telephone connector that holds up to eight wires. Used for plugs and sockets in Ethernet and Token Ring Type 3 devices.
RJ-48C	Telephone connector that holds up to eight wires. Used for T-1 lines and uses pins 1, 2, 4, and 5.
RJ-61	Telephone connector that holds up to eight wires. Often used for terminated twisted pair type cables.
RNC	Radio network controller
RTM	Rear transition module
RTP	Real-time transport protocol
SATA	Serial ATA (advanced technology attachment)
SCbus	Signal computing bus. A 131 Mbps data path that provides up to 2048 time slots.
SCSI	Small computer system interface
SGW	Signaling gateway
SIGTRAN	Signaling transport
Solaris	Operating system from Sun Microsystems
T-1	A 1.544 Mbps point-to-point dedicated digital circuit provided by the telephone companies
USB	Universal serial bus
V.11	ITU-T defined serial interface (which is also compatible with the ITU-T V.35 interface)
VoIP	Voice over Internet Protocol
VxWorks	Real-time operating system from Wind River Systems
Windows	Windows* operating system from Microsoft

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