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Blades – Servers – VoIP

By Chad Lumsden

Blades

Company Name/Model No.	Description	Web Address
ACT/Technico		**www.acttechnico.com**
RaidStor	A 6U, single-slot, CompactPCI, network-attached storage blade • High-availability and hot-swap capable • PICMG 2.16 packet switched backplane compatible • 120 Gbyte per blade capacity • Dual 10/100Base-Tx Ethernet ports • Automatic failover • Compatible with fabric switches • RAID 0, 1 • Supports NFS, web server, bootp, and FTP	
Adlink Technology		**www.adlinktech.com**
cPCIS-3100BLS	A CompactPCI blade server • Standard 6U CompactPCI form factor • 9-slot backplane for standlone system board or compute blade • Built-in 400W AC-input, dual redundant power supply • One 3.5" and three 5.25" drive bays • Alarm module for monitoring chassis temperature and fan status • Switch, drive bays, and redundant power supply are protected by door • Redundant cooling architecture • Designed for NEBS Level 3 installation	
Adtron		**www.adtron.com**
IC6C	The Adtron IC6C is a self-contained storage blade on a single-slot, 6U, CompactPCI plug-in card • PIO mode 4, Multiword DMA mode 2, Ultra DMA mode 2 compatible • Flexible fixed/removable configurations • No additional software drivers are required for operation as an IDE boot and data storage system • HDD storage with one or two hard disk drives • Fixed/removable storage with one hard disk drive and one removable device • Removable devices may be either a CD-ROM, CD-RW, or DVD/CD+/-RW unit for software loads and data backups • Configurations for either PCI or off-board connection • Rear transition boards available for IDE, SCSI-3, and USB 2.0	
IC6HB	A 6U, CompactPCI storage blade • PIO mode 4, Multiword DMA, and Ultra DMA compatible • Provides up to 160 Gbytes of fixed hard disk storage or up to 8 Gbytes of solid-state Flash storage • IPMI support • Rear Transition Boards available for IDE and USB 2.0	
Apcon		**www.apcon.com**
Intellapatch 16	A modular, single-blade, physical layer switch • Supports APCON's entire technology range, including 1-, 2-, and 10-Gbit/sec Fibre Channel, 10/100/1000Base-T and SONET OC-3, OC-12, and OC-48 • Uses either SFP or XFP transceivers • Part of the APCON family of physical layer switches that are available in 16- and 32-port fixed models, and 64- and 144-port multi-blade switches	
Artesyn Communication		**www.artesyncp.com**
Katana 3750	A CompactPCI real-time processing blade • Three IBM PowerPC PPC750FX processor complexes running at 800 MHz • Fully compliant with PICMG 2.16 PSB specification • Managed Gigabit Ethernet switch • System management bus (PICMG 2.9) with IPMI controller • Up to 512 Mbytes DDR ECC SDRAM in SODIMM package per processor • Up to 64 Mbytes linear Flash per processor • 10/100Base-T with front access • Console serial I/O, EEPROM, and real-time clock per processor • VxWorks and Linux support	
Katana 750i	A real-time processing blade in a standard, single-slot CompactPCI packet switched backplane (cPSB) form factor • PowerPC 750FX processor at 800 MHz • PICMG 2.16, dual 1000Base-T cPSB node • Dual PMC expansion sites • System management bus (PICMG 2.9) with IPMI peripheral controller • Up to 1 Gbyte of DDR SDRAM with ECC in SODIMM package • Up to 128 Mbytes of linear Flash • Real-time clock with supercap backup • 10/100Base-T with front access • 64 Kbytes serial EEPROM for nonvolatile storage • VxWorks board support package • TimeSys real-time Linux SDK	
Katana750v	A CompactPCI Packet Switching Backplane (cPSB) blade • IBM PowerPC 750FX processor at 800 MHz • Marvell MV64360 system controller • Up to 1 GB of SDRAM and 128 MB of Flash memory • Two Gigabit Ethernet channels and one 10/100Base-T channel • Dual PTMC sites support 32-bit PCI data transfers at 33 or 66 MHz and are equipped with dedicated CTBus and RMII interfaces that facilitate collaborative processing and provide direct access to external TDM and packet data sources • Fully compliant with PICMG 2.16 • Supports PICMG 2.9 system management bus • Available with turnkey software for a variety of signaling, network interface, gateway, and network processing applications • Supports TimeSys real-time Linux, VxWorks 5.5/Tornado 2.2, a reference kernel port for GPL Linux, and a PowerPC boot loader (PPCBoot) with power-on self test • Complies with all major safety, EMC, and environmental standards	
SpiderWareSG	An off-the-shelf, plug-and-play SIGTRAN blade for SS7 signaling over IP • Supports an M2UA signaling gateway (SG) • Optional off-the-shelf Media Gateway Controller (MGC) signalling functionality • Eight SS7-M2UA signalling channels per blade • Standard higher level APIs • Professional services available • A selection of SS7 upper layer country variants are available off-the-shelf	
SpiderWareSS7	A signaling blade for SS7 applications • 64 to 128 SS7 channels per blade • Standardized STREAMS-based API • Eight or 16 E1/T1 spans per blade • MTP1 and MTP2 SS7 layers • Optional MTP3 layer support on host processor board • Option for blade-based host processor with Linux support • STREAMS-based interlayer protocol and application communications • 10/100Base-Tx Ethernet • Available in cPSB, CompactPCI, or PMC form factors	

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