MIPS Commitment to Standards

MIPS is committed to following industry standards in hardware and software. In addition, MIPS systems are binary compatible across the full line of MIPS RISComputers and RISCstations, as well as with many systems from other suppliers that are based on the MIPS RISC architecture. This commitment to standards and compatibility maximizes the user's investment in both software and peripherals.

	Description	Standards
Software		
RISC/os™	MIPS converged version of System V and BSD UNIX	POSIX 1003.1, XPG3, ABI, MAI
RISCwindows™	MIPS tuned version of X-Windows user interface	X.11, OSF/Motif™
RISCompilers™	MIPS integrated suite of optimizing programming languages: Ada, C, COBOL, FORTRAN, Pascal, PL/I.	Comply with appropriate ANSI, FIPS, or IEEE standards
RISComm/ Networking	MIPS extensive networking and communications software, available directly or through the MIPS RISCware program	SNA, DECnet, X.25, OSI, FDDI, ONC Compliance, TCP/IP, NFS, SNMP, various IBM PC and Macintosh protocols, gateways, and file/print servers
RISCware™	Hundreds of software programs all executable across the entire MIPS product line	Industry-leading software packages for technical, commercial, and government applications, as well as system utilities, development tools and networking software
Hardware		
RISC architecture	Scalable MIPS architecture allows for binary compatibility across entire product line and with future processors that take advantage of advances in semiconductor technology	Microprocessor standard manufactured by six semiconductor companies
I/O	I/O designed on industry-standard buses and interfaces Ethernet ports	VME, PC/AT®, RS-232C IEEE 802.3
Floating Point	High-performance FPUs	IEEE 754-1985

MIPS Product Overview

mips®
MIPS Computer Systems, Inc.

MIPS RISComputers™ and RISCstations™
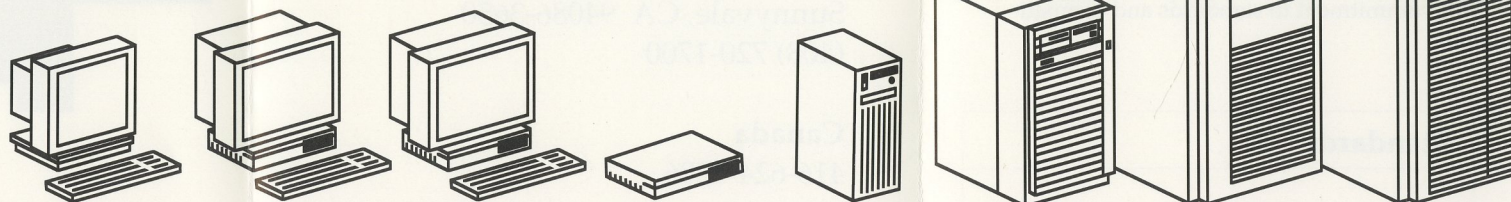
	RS1210	RS2030	Magnum 3000	RC3230	RC3240	RC3260	M/2000	RC6280
Package Type	Desktop	Desktop	Desktop	Desktop/Deskside	Deskside	Pedestal	Rack Cabinet	Data Center
Base System Price	$3K	$7K-20K	$8K-30K	$8K-30K	$30K-40K	$55K-70K	$70K-130K	$150K-200K
SPEC Rating*	n/a	10.0	17.8	17.8	16	18.1	17.6	42.5
DP floating point (mflops)	n/a	1.8	3.6	3.6	3.1	3.9	3.9	9.1
Processor	n/a	MIPS R2000	MIPS R3000	MIPS R3000	MIPS R3000	MIPS R3000	MIPS R3000	MIPS R6000
Min./Max. Memory	1-4.5MB	8-16MB	8-128MB	8-128MB	8-60MB	16-128MB	16-128MB	32-256MB
Min./Max. Disk (formatted)	n/a	3.65GB	0-6.6GB	200MB-6.2GB	328MB-6GB	328MB-18GB	655MB-15.9GB	655MB-21GB
Ethernet Ports	1	1	1	1	1	1-4	1-4	1-8
I/O Slots	n/a	n/a	1 AT	1 AT	4 AT	7 VME	13 VME	6 VME
Storage Options	n/a		SCSI: 1.4MB Floppy[†] 3.5" 200MB 5.25" 633MB[††] 5.25" 1.0GB[††]	SCSI: 1.4MB Floppy[†] 3.5" 200MB 5.25" 633MB[††] 5.25" 1.0GB[††]	SCSI: 5.25" 1.0GB 5.25" 663MB 5.25" 328MB	SCSI: 5.25" 1.0GB 5.25" 663MB 5.25" 328MB	SMD: 8" 665MB SCSI: 5.25" 1.0GB 5.25" 663MB 5.25" 328MB	SMD: 8" 655MB
Tape Backup								
120MB 3¼" Tape	n/a		yes	yes	yes	yes	yes	yes
1/2" Streaming Magtape	n/a		n/a	n/a	n/a	yes	yes	yes
8mm Exabyte	n/a		yes[††]	yes[††]	yes	yes	yes	yes
Other Storage	n/a		CD ROM	CD ROM		n/a	n/a	n/a
Graphics Options								
Color	n/a	1280 X 1024 X 8 20,000 xstones	1280 X 1024 X 8 39,000 xstones					
Mono	1024 X 1024 X 1	1280 X 1024 X 4 20,000 xstones	1152 X 900 X 1 91,000 xstones					

* Ask for a copy of the MIPS Performance Brief
† IBM compatible.
†† Expansion cabinet

Leaders Choose MIPS

Computer Industry leaders including Control Data Corporation, Digital Equipment Corporation, Groupe Bull, Siemens-Nixdorf, Silicon Graphics, Sony, Sumitomo and Tandem Computers, have selected MIPS as the industry's best and most complete source for all the levels required to build successful RISC-based solutions for their respective customers.

MIPS markets binary-compatible, high-performance systems ranging from a $10,000 desktop workstation to a $150,000 supercomputer-challenging data center that are sold to OEMs, VARs, and System Integrators worldwide. All MIPS systems support RISC/os, the MIPS port of the UNIX operating system.