

Pyramid 90x: The Supermini Designed for UNIX

"The most dramatic improvement to UNIX during the last twelve months did not come from Bell Labs or Berkeley."



- ★ OSx — A dual port of UNIX, System V and 4.2 BSD.
- ★ 90X — The established UNIX performance leader in its class.
- ★ Incorporates "state of the art" RISC technology.

90x Specifications

Processor:	Word Length	32 bits
	Cycle Time	125 ns
	Registers	528 registers, 32 bits each, 16 levels of 32 registers each, plus 16 global registers
	Addressing	4 Gbytes of virtual address per process, demand-paged with 2048 byte page size
	Cache	4 Kbytes of instruction cache, 32 kbytes Data Cache optional
	Control Store	74 bits per microinstruction. 8 K microinstruction capacity
	Floating Point	Micro code, Hardware Floating-Point Unit optional
Memory:	Main	Up to 16 Mbyte RAM. ECC
XTEND Bus:	Bandwidth	32 Mbyte/sec. 32 bit data path Optional Multibus (IEEE 796) Channel Adapter
Communications:	User Ports	16 terminal interfaces per ITP asynchronous RS-232C w/modem control speeds to 19.2 Kbaud; up to 8 ITPs (128 ports) per system
	uucp	Using ITP ports up to 19.2 Kbaud
	Ethernet	Optional Multibus controller with software package based on TCP/IP protocol
Available	Disks	150 or 415 Mbyte Winchester and 300 Mbyte Removable for up to 3.6 Gbyte
Peripherals:	Tape	1600 bpi streaming and Tri-density 800/1600/6250 bpi
	Line Printers	1000 and 1500 lpm models
	Operator Console	STD, color Video Display Terminal (VDT), optional
Available Software:	Operating System Languages	OSx dual port of UNIX System V and Berkeley 4.2 BSD C, FORTRAN 77, Pascal, Franz Lisp; and others
Cabinet: (per bay)	Height	51" (130 cm)
	Width	24" (61 cm)
	Depth	41" (104 cm)
Electrical:	Current Draw	50 amps (max) @ 208 volt ($\pm 10\%$)
	AC Power	Single-phase 4-wire 50/60 Hz AC
	Heat Dissipation	6.0 KW (Max) 20.460 BTU/hour (max)
Operating:	Dry Bulb Temperature	13°C to 40°C
	Relative Humidity	20% to 80% noncondensing
	Altitude	Sea Level to 3 km (10,000 ft.)
	Temperature Shock	1 hour minimum per 15°C change

UNIX is a trademark of AT&T Bell Laboratories.
 XTEND is a trademark of Pyramid Technology Corporation.
 Multibus is a trademark of Intel Corporation.
 Ethernet is a trademark of The Xerox Corporation.
 MC68000 is a trademark of The Motorola Corporation.



Corporate Office
 1295 Charleston Road
 P.O. Box 7295
 Mountain View, CA 94039-7295
 415-965-7200

Western Region
 19401 S. Vermont Ave.
 Suite 1-104
 Torrance, CA 90502
 213-538-9712

Central Region
 1350 East Touhy Avenue
 Des Plaines, IL 60018
 312-699-0402

Northeast Region
 900 Route 9
 Woodbridge, NJ 07095
 201-750-2626

Southeast Region
 5454 Wisconsin Avenue
 Chevy Chase, MD 20815
 301-657-8500