

DEC VAX-11 Systems

Product Enhancement

DEC has introduced new peripherals and software for the VAX-11 family, including the RA60 205MB disk drive, RA81 456MB disk drive, VAXstation 100 Graphics workstation, TU80 streaming tape drive, ALL-IN-1 Office Automation, and DECmail version V2.0 software.

Configurations are now offered for the VAX-11/780 and VAX-11/750 that include the new disk and tape drives as well as increased memory.

		<u>Purchase Price</u>	<u>Monthly Maint.</u>
STANDARD SYSTEMS			
VAX-11/780 SYSTEMS*			
All systems include a VAX-11/780 CPU, VAX/VMS, an LA120 console terminal, an H9602-DF cabinet, and a DZ11-A asynchronous multiplexer.			
SV-AXGDA-CA	With a TU80 streaming magnetic tape subsystem, an RA80 121MB Winchester disk drive, a UDA50 UNIBUS controller, and 2MB ECC MOS memory	\$189,000	\$1,005
SV-AXEDA-CA	With a TU80 streaming magnetic tape subsystem, an RA81 456MB Winchester disk drive, a UDA50 UNIBUS controller, and 2MB ECC MOS memory	199,000	1,014
SV-AXECA-CA (CD)	With a TEU78 magnetic tape transport, 4MB ECC MOS memory, an RUA81 single-access 456MB disk drive with a UDA50 UNIBUS controller, two DD11-DK UNIBUS expansion backplanes, and two BA11-K boxes	284,000	1,551
SV-AXPPA-CA (CD)	With an RUA60 single-access 205MB disk drive with a UDA50 UNIBUS controller, 4MB ECC MOS memory, an RA60 single-access 205MB disk drive, two DD11-DK UNIBUS expansion backplanes, and two BA11-K boxes	230,000	1,281
*Additional VAX-11/780 standard systems are found in the Equipment Prices section of this report.			
VAX-11/750 SYSTEMS**			
All systems include a VAX-11/750 CPU, VAX/VMS, an LA120 console terminal, and a DZ11-A asynchronous multiplexer.			
SV-BXGDA-CA	With a TU80 streaming magnetic tape subsystem, an RA80 121MB Winchester disk drive, a UDA50 UNIBUS controller, and 1MB ECC MOS memory	89,000	431
SV-BXEDA-CA	With a TU80 streaming magnetic tape subsystem, an RA81 456MB Winchester disk drive, a UDA50 UNIBUS controller, and 1MB ECC MOS memory	99,000	440
SV-BXGMB-CA (CD)	With an RGU80 121MB single-access disk drive with a UDA50 UNIBUS controller, an RL211 10.4MB cartridge disk subsystem with a UNIBUS controller, and 1MB ECC MOS memory	84,900	439
SV-BXHHB-CA (CD)	With an RK711 28MB removable cartridge disk with controller, an RK07 28MB removable cartridge disk drive, and 1MB ECC MOS memory	92,600	545
SV-BXEPA-CA (CD)	With an RA81 456MB fixed-disk drive, an RUA60 single-access removable 205MB disk drive with a UDA50 UNIBUS controller, and 2MB ECC MOS memory	115,000	486
SV-BXPPA-CA (CD)	With an RA60 205MB single-access disk drive, an RUA60 single-access 205MB disk drive with a UDA50 UNIBUS controller, and 2MB ECC MOS memory	110,000	476
SV-BXTAB-CA (CD)	With an RGM03 67MB single-access disk drive with a MASSBUS adapter, a TS11 magnetic tape subsystem with a UNIBUS controller, and 2MB ECC MOS memory	128,800	553
SV-BXWAB-CA (CD)	With an RGM80 124MB single-access disk drive with a MASSBUS adapter, a TS11 magnetic tape subsystem with a UNIBUS controller, and 2MB ECC MOS memory	123,600	496
SV-BXWBB-CA (CD)	With an RGM80 124MB single-access disk drive with a MASSBUS adapter, a TGU77 magnetic tape subsystem with a MASSBUS adapter, and 2MB ECC MOS memory	140,000	676
SV-BXWVB-CA (CD)	With an RGM80 124MB single-access disk drive with a MASSBUS adapter, a TGE16 magnetic tape subsystem with a MASSBUS adapter, and 2MB ECC MOS memory	130,000	572
SV-BXDBA-CA (CD)	With an RGM05 single-access 256MB disk drive with a MASSBUS adapter, a TGU77 magnetic tape subsystem with a MASSBUS adapter, and 3MB ECC MOS memory	160,000	872
SV-BXEBA-CA (CD)	With an RUA01 single-access 456MB disk drive with a UDA50 UNIBUS controller, a TGU77 magnetic tape subsystem with a MASSBUS adapter, and 3MB ECC MOS memory	140,000	694
SV-BXECA-CA (CD)	With an RUA81 single-access 456MB disk drive with a UDA50 UNIBUS controller, a TGU78 magnetic tape subsystem with a MASSBUS adapter, and 3MB ECC MOS memory	160,000	486

**These are currently the only 750 systems being marketed by DEC.



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UNIBUS DISK SUBSYSTEMS			
RUA81-CA (CD)	456MB fixed-disk drive; cabinet mounted, with one UDA50 controller, the UDA50 supports a total of four disk drives (RA81)	26,000	120
RA81-CA (CD)	Add-on 456MB fixed-disk drive; cabinet mounted	21,000	90
RA81-AA (AD)	Add-on 456MB fixed-disk drive; no cabinet	19,000	90
RUA60-CA (CD)	205MB removable-disk drive; cabinet mounted, with one UDA50 controller, the UDA50 supports a total of four disk drives (RA60, RA80, or RA81 may be mixed)	22,000	110
RUA60-JA (JD)	Same as RUA60-CA (CD) except with a second UDA50 controller	27,000	140
RA60-CA (CD)	Add-on 205MB removable disk drive in H9642-AP (AR) cabinet	17,000	80
RA60-AA	Add-on 205MB removable disk drive; no cabinet	15,000	80
GRAPHICS WORKSTATION			
VS100-AA	VAXstation 100 Graphics Workstation; Primary VR100-AA monochrome 19-inch (48cm) monitor, 1088H x 864V resolution, 60 Hz, and 10-foot (3m) cable; includes UNIBUS interface, Multibox with Graphics Processor, 120/220V 60/50 Hz power supply and the DS11-FA VAX UNIBUS-Window/Fibre-Optic Transceiver (supports one VAXstation secondary)	9,805	85
VS100-BA	VAXstation 100 Graphics Workstation; Secondary VR100-AA, same as VS100-AA except without the UNIBUS interface and DS11-FA UNIBUS card	8,805	83
LK201-CA	One keyboard with a 12-foot cord	204	3
VS10X-BA	One VS10X-DA (11 x 11 inch graphics tablet) and one VS10X-CA (5-button puck)	1,700	23
VS10X-EA	3-button mouse with a 12-foot cable	500	10
BN25B-15	15-meter optical cable with terminators	200	N/C

ALL-IN-1 features single terminal access to office-related functions through an easy-to-use menu. The menu gives users an integrated set of programs, and provides immediate access to all of the system's capabilities. In addition to standard text and data processing, the menu contains other features such as DECmail, desk calculator, on-line phone directory, calendar management, action-item listing, and an electronic file cabinet. ALL-IN-1 is available for the entire VAX family, and is offered in two configurations, Basic and Extended. ALL-IN-1 Basic provides a standard set of features whose menu capabilities are not meant to be modified. ALL-IN-1 Extended adds data management and application development capabilities to the Basic package, and includes VAX-11 DATATRIEVE, Common Data Dictionary, spelling dictionary, and programming capability in higher level languages such as Basic and Cobol.

Current VAX customers may purchase an ALL-IN-1 layered software package, with prices beginning at \$47,900. Base price for ALL-IN-1 Basic, including a fully configured VAX-11/730 system is \$93,000.

DECmail V2.0 adds multinode capability with enhanced word processing, electronic mail, and computer-based instruction (CBI) features. Multinode messages between DECmail users on VAX/VMS are sent via DECnet. With the multinode option, users can create, edit, and send messages to individuals by name and location, or to an entire distribution list at multiple locations. DECmail V2.0 supports document transmission (DX) from DECmate, DECword/DP, and other Digital word processors. Documents created on word processors and sent by DX retain all special control characters such as rulers, underlining, bolding and embedded codes. Prices for DECmail begin at \$20,000. □

**Product Enhancement
DEC VAX-11 Systems**

In a move designed to further simplify their VAX-11 configurations and provide a unique level of user customization for particular systems, DEC has dropped the concept of packaged systems for the VAX-11 family and now provides VAX System Building Blocks (SBBs). SBBs provide a foundation for building customized system configurations. Each SBB (VAX-11/782, VAX-11/780, or VAX-11/750), begins with a core of components: CPU, two or four megabytes of 64K or 16K ECC MOS memory, cabinetry, and the VAX/VMS operating system license. To this core you must add selections from the system device, load device, communications interface, console terminal, and software menus. SBBs give the customer a considerable amount of ordering flexibility because there are many possible equipment combinations. SBBs are currently available for VAX-11/782, VAX-11/780, and VAX-11/750 systems. VAX-11/730 systems are still offered in packaged system configurations. After ordering one of the models below, the customer must then order one from each of the mass storage, communications, and console terminal menus. Selection from the software menu is optional.

Model	Description	Purchase Price	Monthly Maint.
782XA-AE (AJ)	Includes a VAX-11/782 dual CPU, 4MB ECC MOS shared memory, H9652 UNIBUS expansion cabinet with BALL-K and DD11-K, and VAX/VMS license only	320,000	1,816
780XA-AE (AJ)	Includes a VAX-11/780 CPU, 2MB ECC MOS memory, H9652 UNIBUS expansion cabinet, and VAX/VMS license only	145,000	407
750XA-AE (AJ)	Includes a VAX-11/780 CPU, 2MB ECC MOS memory, and VAX/VMS license only	47,000	226