
ACTIVE MEMORY TECHNOLOGY, INC.

COMMERCIAL PRICE LIST

The following pages include the Standard Commercial Prices for Active Memory Technology, Inc. products and services. These prices are based upon the following Terms and Conditions:

TERMS AND CONDITIONS

1. All prices are F.O.B. Irvine, California.
2. Terms of Payment are Net 30 days from date of shipment unless otherwise stated.
3. Installation of systems will be provided at no extra charge. In the case of an OEM Agreement, the first system will be installed at no charge. Installation of system upgrades will be at the prices stated plus travel and living expenses of AMT personnel.
4. Prices are subject to change at manufacturer's discretion.
5. All prices are based on the customer furnished Host SUN Computer providing an external SCSI port for interfacing to the DAP. In the case of a DEC Host the customer must supply the appropriate interface for the host and the interface within the DAP (which should be purchased from AMT).
6. Maintenance is considered an essential part of a standard quotation. Any hardware or software quotation, which does not include a maintenance quotation, must have prior approval of the V.P. of Sales & Marketing.
7. The quotation delivery for all standard released products will be 30 Days after receipt of order.
8. A standard set of acceptance criteria software is provided with each system. This set of program exercises extensively all functional units of the host/DAP/video system. AMT defines a successful acceptance testing as two hours of uninterrupted execution of these programs. At this point, the DAP and all its hardware and software components are thoroughly tested and ready for customer acceptance. AMT requires the customer to sign the Acceptance Criteria Form.

ACTIVE MEMORY TECHNOLOGY, INC.

DAP/CP8 500 SERIES

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
102531-001	DAP 510C-8 32 x 32 (1024PE) Array 32 x 32 (1024 8 Bit CP8) 10 MHZ Clock 8 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	\$ 140,000
102532-001	DAP 510C-16 32 x 32 (1024PE) Array 32 x 32 (1024 8 Bit CP8) 10 MHZ Clock 16 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	\$ 170,000
102533-001	DAP 510C-32 32 x 32 (1024PE) Array 32 x 32 (1024 8 Bit CP8) 10 MHZ Clock 32 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	\$ 215,000
102534-001	DAP 510C-64 32 x 32 (1024PE) Array 32 x 32 (1024 8 Bit CP8) 10 MHZ Clock 64 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	Price On Request
102535-001	DAP 510C-128 32 x 32 (1024PE) Array 32 x 32 (1024 8 Bit CP8) 10 MHZ Clock 128 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	Price On Request

ACTIVE MEMORY TECHNOLOGY, INC.

DAP/CP8 600 SERIES

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
102631-001	DAP 610C-32 64 x 64 (4096 PE) Array 64 x 64 (4096 8 Bit CP8) 10 MHZ Clock 32 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	\$ 350,000
102632-001	DAP 610C-64 64 x 64 (4096 PE) Array 64 x 64 (4096 8 Bit CP8) 10 MHZ Clock 64 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	\$ 420,000
102633-001	DAP 610C-128 64 x 64 (4096 PE) Array 64 x 64 (4096 8 Bit CP8) 10 MHZ Clock 128 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	\$ 550,000
102634-001	DAP 610C-256 64 x 64 (4096 PE) Array 64 x 64 (4096 8 Bit CP8) 10 MHZ Clock 256 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	Price On Request
102635-001	DAP 610C-512 64 x 64 (4096 PE) Array 64 x 64 (4096 8 Bit CP8) 10 MHZ Clock 512 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage	Price On Request

ACTIVE MEMORY TECHNOLOGY, INC.

DAP/CP8 620 SERIES

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
102612-001	DAP 620C-64 64 x 64 (4096 PE) Array 64 x 64 (4096 8 Bit CP8) 20 MHZ Clock 32 MByte Array Memory 512 KByte Code Memory 5 Slot VME Card Cage (TBD)	\$ 420,000

ACTIVE MEMORY TECHNOLOGY, INC.

SUN HOST SYSTEM

SOFTWARE LICENSE FEES

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
106200-001	DAP Runtime Software Includes: DAP Control Programs Interface Control Program	\$ 9,000
106200-002	Program Development Software Includes: Fortran-Plus Enhanced DAP APAL Assembly Language Debugger Simulator Device Driver Environment Parallel Data Transforms Graphics Library	\$ 15,000
106200-003	General Math Applications Support Library	\$ 2,000
106200-006	Signal Processing Library	\$ 10,000
106200-007	Image Processing Library	\$ 10,000

For DAP's which are connected to a network,
please refer to page 10 for Network License Fees.

ACTIVE MEMORY TECHNOLOGY, INC.

VAX HOST SYSTEM

SOFTWARE LICENSE FEES

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
106300-001	DAP Runtime Software Includes: DAP Control Programs Interface Control Program	\$ 9,000
106300-002	Program Development Software Includes: Fortran-Plus Enhanced DAP APAL Assembly Language Debugger Simulator Device Driver Environment Parallel Data Transforms Graphics Library	\$ 15,000
106300-003	General Math Applications Support Library	\$ 2,000
106300-006	Signal Processing Library	\$ 10,000
106300-007	Image Processing Library	\$ 10,000

For DAP's which are connected to a network,
please refer to page 10 for Network License Fees.

ACTIVE MEMORY TECHNOLOGY, INC.

DNA BIOLOGICAL SORT CODE

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
	<u>Object Code</u>	
106203-001	SUN	\$ 5,000
106302-001	VAX	\$ 5,000
	<u>Source Code</u>	
106204-001	SUN	\$ 50,000
106303-001	VAX	\$ 50,000

ACTIVE MEMORY TECHNOLOGY, INC.

HOSTLESS SOFTWARE

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
106400-001	Object Code	\$ 2,000

ACTIVE MEMORY TECHNOLOGY, INC.

DEVICE DRIVER SOFTWARE

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
106205-001	Mouse I/O Driver (SUN)	\$ 2,500
106304-001	Mouse I/O Driver (VAX)	\$ 2,500
	<u>I/O Device Driver Development Software</u>	
106206-001	a) SUN	\$ 5,000
106305-000	b) VAX	\$ 5,000

ACTIVE MEMORY TECHNOLOGY, INC.

NETWORK LICENSE FEES

If a DAP is interfaced to a host (i.e. SUN or VAX) which is a workstation on a network, the following License Fees are applicable:

A. For diskless workstations:

1. Software License Fee is 20% of the quantity 1 list price for the Standard License Fee for all software products except Runtime per workstation. All workstations on the network must be covered by a license.
2. No fee is charged for software maintenance as long as the host for the diskless workstation is under software maintenance.

B. For workstations with disks:

1. All workstations with disks sharing the network with the DAP and its host must purchase all software licenses except Runtime Software, for each workstation.
2. No fee is charged for software maintenance if maintenance is purchased for the host system.

ACTIVE MEMORY TECHNOLOGY, INC.

OPTIONS FOR ALL DAP SERIES - FACTORY INSTALLED

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
210123-001	512 KByte Code Memory to 1 MB Factory Installed	\$ 5,000
210123-004	512 KByte Code Memory to 2 MB Factory Installed	\$ 13,000
210123-007	512 KByte Code Memory to 4 MB Factory Installed	\$ 26,000
210125-001	DAP V/O Board with 8 Bit Color (DAP 510)	\$ 7,500
210125-002	DAP V/O Board with 24 Bit Color	\$ 19,500
210125-003	DAP V/O Board with 8 Bit Color (DAP 610)	\$ 7,500
109501-001	* Sony GDM 1950 High Resolution Monitor	\$ 4,500
104501-001	* External Video Cable Kit	\$ 100
560002-001	VME Card Cage 5 Slot (DAP 510)	\$ 3,500
109504-001	* VME DR11-W Interface	\$ 3,800
107505-001	* VAX BI to VME Adapter w/10M Cable (AMT 8482)	\$ 16,115
107506-001	* VAX Q to VME Adapter w/10M Cable (AMT 8489)	\$ 12,950
560003-001	IOC/CCIR/GP-8/2MB/510	\$ 20,000
560003-002	IOC/CCIR/GP-8/.5MB/510	\$ 15,500
560004-001	IOC/CCIR/GP-8/2MB/610	\$ 20,000
560004-002	IOC/CCIR/GP-8/.5MB/610	\$ 15,500
560008-003	IOC/TAXI/XMIT/RCV/.5MB/510	\$ 21,000
560008-006	IOC/TAXI/XMIT/RCV/.5MB/610	\$ 21,000
560008-007	IOC/TAXI/XMIT/RCV/2MB/510	\$ 25,000
560008-008	IOC/TAXI/XMIT/RCV/2MB/610	\$ 25,000

ACTIVE MEMORY TECHNOLOGY, INC.

OPTIONS FOR ALL DAP SERIES - FACTORY INSTALLED (CONTINUED)

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
109514-001	* Mouse for DAP Serial Port w/15 ft. cable	\$ 250
310003-001	* DAP 510 Series Ruggedized Cabinet (EDAK)	\$ 17,000
310003-002	* DAP 510 Series Ruggedized Cabinet	\$ 25,000
310004-001	* DAP 610 Series Ruggedized Cabinet	\$ 35,000

Note: Products not manufactured by AMT are not subject to discount.
* Products not manufactured by AMT.

ACTIVE MEMORY TECHNOLOGY, INC.

OPTIONS FOR ALL DAP SERIES- FIELD INSTALLED

The following prices apply to previously purchased 500 and 600 Series DAPs which are to be upgraded to incorporate any DAP option. Price does not include travel or subsistence costs for AMT personnel who perform the upgrade. Please refer to AMT Time and Materials Policy.

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
210125-001	DAP V/O Board with 8 Bit Color (DAP 510)	\$ 7,800
210125-003	DAP V/O Board with 8 Bit Color (DAP 610)	\$ 7,800
210125-002	DAP V/O Board with 24 Bit Color	\$ 19,800
109501-001	* Sony GDM 1950 High Resolution Monitor	\$ 4,800
104501-001	* External Video Cable Kit	\$ 100
560002-001	VME Card Cage 5 Slot (DAP 510)	\$ 3,800
109504-001	* VME DR11W Interface	\$ 4,100
107505-001	* VAX BI to VME Adapter w/10M Cable (AMT 84S2)	\$ 16,115
107506-001	* VAX Q to VME Adapter w/10M Cable (AMT 84S9)	\$ 12,950
560003-001	IOC/CCIR/GP-8/2MB/510	\$ 20,000
560003-002	IOC/CCIR/GP-8/.5MB/510	\$ 15,500
560004-001	IOC/CCIR/GP-8/2MB/610	\$ 20,000
560004-002	IOC/CCIR/GP-8/.5MB/610	\$ 15,500
560008-003	IOC/TAXI/XMIT/RCV/.5MB/510	\$ 21,000
560008-006	IOC/TAXI/XMIT/RCV/.5MB/610	\$ 21,000
560008-007	IOC/TAXI/XMIT/RCV/2MB/510	\$ 25,000
560008-008	IOC/TAXI/XMIT/RCV/2MB/610	\$ 25,000

ACTIVE MEMORY TECHNOLOGY, INC.

OPTIONS FOR ALL DAP SERIES - FIELD INSTALLED (CONTINUED)

<u>Part No.</u>		<u>Description</u>	<u>Price</u>
109514-001	*	Mouse for DAP Serial Port	\$ 300
310003-001	*	DAP 510 Series Ruggedized Cabinet (EDAK)	\$ 18,200
310003-002	*	DAP 510 Series Ruggedized Cabinet	\$ 27,000
310004-001	*	DAP 610 Series Ruggedized Cabinet	\$ 37,000

Note: Products not manufactured by AMT are not subject to discount

* Products not manufactured by AMT.

ACTIVE MEMORY TECHNOLOGY, INC.

DISK SYSTEMS FOR ALL DAP SERIES

The following prices apply to previously purchased 500 and 600 Series DAP's which are to be upgraded to incorporate any DAP options.

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
109507-001	A complete disk system including controller, cables, drives, DAP high speed interface, and software. 5 Drives, 1.46GByte, 6.5 MByte/sec	\$ 66,300
109509-001	A complete disk system including controller, cables, drives, DAP high speed interface, and software. 5 Drives, 2.8 GByte, 8.8 MByte/sec	\$ 79,200
109508-001	A complete disk system including controller, cables, drives, DAP high speed interface, and software. 9 Drives, 2.8 GBytes, 13.0 MByte/sec	\$ 99,000

Notes:

1. The above prices include software and I/O disk but does not include VME Card Cage which must be purchased separately.
2. No discounts are offered by AMT on these products.

ACTIVE MEMORY TECHNOLOGY, INC.

DISK SYSTEMS FOR ALL DAP SERIES - FIELD INSTALLED

The following prices apply to previously purchased 500 and 600 Series DAP's which are to be upgraded to incorporate any DAP options. Price does not include travel or subsistence costs for AMT personnel who perform the upgrade. Please refer to AMT Time and Materials Policy.

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
109507-001	A complete disk system including controller, cables, drives, DAP high speed interface, and software. 5 Drives, 1.46 GByte, 6.5 MByte/sec	\$ 66,300
109509-001	A complete disk system including controller, cables, drives, DAP high speed interface, and software. 5 Drives, 2.8 GByte, 8.8 MByte/sec	\$ 79,200
109508-001	A complete disk system including controller, cables, drives, DAP high speed interface, and software. 9 Drives, 2.8 GBytes, 13.0 MByte/sec	\$ 99,000
109510-001	A complete disk system including controller, cables, drives, DAP high speed interface, and software. 9 Drives, 5.6 GByte, 16.5 MByte/sec	\$122,450

Notes:

1. The above prices include software and I/O disk but does not include VME Card Cage which must be purchased separately.
2. No discounts are offered by AMT on these products.

ACTIVE MEMORY TECHNOLOGY, INC.

CP8 UPGRADE FIELD INSTALLED

The following prices apply to previously purchased 500 and 600 Series DAP's which are to be upgraded to incorporate the 8 Bit CP8 Co-Processor. Price does not include travel or subsistence costs for AMT personnel who perform the upgrade. Please refer to AMT Time and Materials Policy.

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
560011-001	Upgrade DAP 510 to a DAP 510C	\$ 46,250
560012-001	Upgrade a DAP 610 to a DAP 610C	\$ 99,000

ACTIVE MEMORY TECHNOLOGY, INC.

ARRAY MEMORY - FIELD UPGRADE

500 SERIES

The following prices apply to previously purchased 500 & 600 Series DAP's, which are to be upgraded to incorporate additional Array and/or Store Memory. Prices do not include travel or subsistence costs for AMT personnel who perform the upgrades. Please refer to AMT Time & Materials Policy.

<u>Part No.</u>	<u>Description</u>	<u>List Price</u>
105501-001	510-4 to 510-8 Upgrade Array Memory from 4MByte to 8MByte	\$ 30,000
105501-002	510-4 to 510-16 Upgrade Array Memory from 4MByte to 16MByte	\$ 50,000
105501-003	510-4 to 510-32 Upgrade Array Memory from 4MByte to 32Byte	\$ 70,000
105501-004	510-8 to 510-16 Upgrade Array Memory from 8MByte to 16Byte	\$ 45,000
105501-005	510-8 to 510-32 Upgrade Array Memory from 8MByte to 32Byte	\$ 70,000
105501-006	510-16 to 510-32 Upgrade Array Memory from 16MByte to 32Byte	\$ 55,000

ACTIVE MEMORY TECHNOLOGY, INC.

ARRAY MEMORY - FIELD UPGRADE

600 SERIES

The following prices apply to previously purchased 500 & 600 Series DAP's, which are to be upgraded to incorporate additional Array Store Memory. Prices do not include travel or subsistence costs for AMT personnel who perform the upgrades. Please refer to AMT Time & Materials Policy.

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
105502-001	610-16 to 610-32 Upgrade Array Memory from 16MByte to 32MByte	\$ 120,000
105502-002	610-16 to 610-64 Upgrade Array Memory from 16MByte to 64MByte	\$ 200,000
105502-003	610-16 to 610-128 Upgrade Array Memory from 16MByte to 128MByte	\$ 280,000
105502-004	610-32 to 610-64 Upgrade Array Memory from 32MByte to 64MByte	\$ 180,000
105502-005	610-32 to 610-128 Upgrade Array Memory from 32MByte to 128MByte	\$ 270,000
105502-006	610-64 to 610-128 Upgrade Array Memory from 64MByte to 128MByte	\$ 210,000

ACTIVE MEMORY TECHNOLOGY, INC.

ARRAY MEMORY UPGRADE POLICY

500 & 600 SERIES

AMT offers three options for field memory upgrades. Actual prices will vary according to the size of the machine and memory requirements, etc.. Refer to appropriate pages in price book for pricing guidelines.

AMT's policy for field memory upgrades are as follows:

- 1) Customer's array cards are returned to factory for upgrade.
- 2) Customer's array cards (CP8 included) are swapped out for new cards with new memory in place.
- 3) Customer's non-CP8 array cards are swapped out for new array cards, including CP8 and new memory.

In the event the customer requires a 'loaner' array card, AMT can provide a set for use by the customer (as in option 1) to reduce down time. The fee for providing the "loaner" will be dependent upon the size of the machine and memory requirements.

ACTIVE MEMORY TECHNOLOGY, INC.

CODE STORE MEMORY - FIELD UPGRADE

500 & 600 SERIES

The following prices apply to previously purchased 500 & 600 Series DAP's, which are to be upgraded to incorporate additional Code Store Memory. Prices do not include travel or subsistence costs for AMT personnel who perform the upgrades. Please refer to AMT Time & Materials Policy.

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
105500-001	1/2MB to 1MB Field Upgrade Code Store from 1/2MByte to 1MByte	\$ 6,000
105500-002	1/2MB to 2MB Field Upgrade Code Store from 1/2MByte to 2MByte	\$ 14,800
105500-003	1/2MB to 4MB Field Upgrade Code Store from 1/2MByte to 4MByte	\$ 29,700
105500-004	1MB to 2MB Field Upgrade Code Store from 1MByte to 2MByte	\$ 10,300
105500-005	1MB to 4MB Field Upgrade Code Store from 1MByte to 4MByte	\$ 25,000
105500-006	2MB to 4MB Field Upgrade Code Store from 2MByte to 4MByte	\$ 17,000

ACTIVE MEMORY TECHNOLOGY, INC.

SUN HOST SYSTEM

HARDWARE

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
108004-001	3/80 FM-4 SUN 3/80 FM Includes Desktop Workstation 4 MByte Memory 17 Inch Monochrome Monitor	\$ 6,600
108005-001	X539G Option 327 MByte SCSI Disk 150 MByte 1/4 Inch Tape External Storage Module Standalone Option Only	\$ 7,700
109006-001	SM3-01 SUN OS Standard Software 68030 Based Systems (Domestic) Cartridge	\$ 700

No discounts are offered by AMT on these products.

ACTIVE MEMORY TECHNOLOGY, INC.

PRICES FOR DAP MANUALS

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
115001-000	Intro to Fortran-Plus	\$ 60.00
115002-000	Fortran-Plus Language	\$ 100.00
115003-000	Developing and Using Under UNIX	\$ 75.00
115004-000	Developing and Using Under VAX	\$ 75.00
115005-000	APAL	\$ 200.00
115008-000	Engineering Test Software	\$ 45.00
115009-000	Field Service Manual	\$ 100.00
115010-000	General Support Library	\$ 150.00
115011-000	Installation Manual for SUN	\$ 20.00
115013-000	Signal Processing Library	\$ 40.00
115014-000	Image Processing Library	\$ 75.00
115016-000	Writing Device Drivers	\$ 125.00
115017-000	Low Level Graphics	\$ 15.00
115018-000	VAX Installation	\$ 15.00
115022-000	Parallel Data Transforms	\$ 40.00
115020-000	System Management Under VAX/VMS	\$ 60.00
115028-001	System Management (Under MS-DOS)	\$ 40.00

ACTIVE MEMORY TECHNOLOGY, INC.

SPARE PARTS PRICING

500 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
210122-002	MCU1 Board	\$ 13,350
260023-002	MCU2 (W/O Statics)	\$ 9,620
210101-003	HCU Board	\$ 12,580
260004-003	Array (W/O Statics)	\$ 13,220
260005-003	0.5 MByte Static (55 NS)	\$ 1,920
260005-004	1.0 MByte Static (55 NS)	\$ 3,470
260008-001	Backplane	\$ 5,900
220026-001	VME Card Cage (5 Slot)	\$ 3,500
210125-001	DAP V/O Board with 8 Bit Color (DAP 510)	\$ 7,500
210125-002	DAP V/O Board with 24 Bit Color	\$ 19,500
210125-003	DAP V/O Board with 8 Bit Color (DAP 610)	\$ 7,500
109504-001	VME DR11-W Interface	\$ 3,800
107507-001	* Q-Bus Backplane Controller w/LPM (AMT 8520)	\$ 7,794
107508-001	* VME Backplane Controller w/LPM (AMT 8530)	\$ 7,794
107509-001	* Link Personality Module with LPM (AMT 8500)	\$ 2,594
107510-001	* LPM/LPM Coax Cable - 50 Ft. (AMT 8550)	\$ 260
560003-001	IOC/CCIR/GP-8/2MB/510	\$ 20,000
560003-002	IOC/CCIR/GP-8/.5MB/510	\$ 15,500
560004-001	IOC/CCIR/GP-8/2MB/610	\$ 20,000
560004-002	IOC/CCIR/GP-8/.5MB/610	\$ 15,500

* Product not manufactured by Active Memory Technology, Inc., therefore not subject to discount.

ACTIVE MEMORY TECHNOLOGY, INC.

SPARE PARTS PRICING - CONTINUED

500 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
560008-003	IOC/TAXI/XMIT/RCV/5MB/510	\$ 21,000
560008-006	IOC/TAXI/XMIT/RCV/5MB/610	\$ 21,000
560008-007	IOC/TAXI/XMIT/RCV/2MB/510	\$ 25,000
560008-008	IOC/TAXI/XMIT/RCV/2MB/610	\$ 25,000
109501-001	* Sony GDM 1950 High Resolution Monitor	\$ 4,500
104501-001	External Video Cable Kit	\$ 100
530001-001	Fan (115V)	\$ 250
405026-001	Power Supply (115V QUAD) 1KW	\$ 2,000
260048-002	Static (1MByte SMT)	\$ 7,825
260049-002	Static (2MByte SMT)	\$ TBA

Note: This pricing does not include installation.

F.O.B. Irvine.

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ACTIVE MEMORY TECHNOLOGY, INC.

SPARE PARTS PRICING

600 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
210122-001	MCU1 Board	\$ 13,350
260023-002	MCU2 (W/O Static)	\$ 9,520
210121-003	HCU Board	\$ 12,580
210124-001	ASU Board	\$ 5,240
260004-003	Array (W/O Static)	\$ 13,220
260021-002	Backplane	\$ 19,280
220026-001	VME Card Cage (5 Slot)	\$ 3,500
405030-001	* Power Supply (-5.2V,12V) \$ 3,000	
210125-001	DAP V/O Board with 8 Bit Color	\$ 7,500
210125-002	DAP V/O Board with 24 Bit Color	\$ 19,500
109504-001	* VME DR11-W Interface	\$ 3,800
107507-001	* Q-Bus Backplane Controller w/LPM (AMT 8520)	\$ 7,794
107508-001	* VME Backplane Controller w/LPM (AMT 8530)	\$ 7,794
107509-001	* Link Personality Module with LPM (AMT 8500)	\$ 2,594
107510-001	* LPM/LPM Coax Cable - 50 Ft. (AMT 8550)	\$ 260
560003-001	IOC/CCIR/GP-8/2MB/510	\$ 20,000
560003-002	IOC/CCIR/GP-8/.5MB/510	\$ 15,500
560004-001	IOC/CCIR/GP-8/2MB/610	\$ 20,000
560004-002	IOC/CCIR/GP-8/.5MB/610	\$ 15,500
560008-003	IOC/TAXI/XMIT/RCV/.5MB/510	\$ 21,000

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ACTIVE MEMORY TECHNOLOGY, INC.

SPARE PARTS PRICING - CONTINUED

600 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
560008-006	IOC/TAXI/XMIT/RCV/.5MB/610	\$ 21,000
560008-007	IOC/TAXI/XMIT/RCV/2MB/510	\$ 25,000
560008-008	IOC/TAXI/XMIT/RCV/2MB/610	\$ 25,000
109501-001	* Sony GDM High Resolution Monitor	\$ 4,500
104501-001	External Video Cable Kit	\$ 100
530002-002	Fan (230 Volts - U.S. & European)	\$ 175
405029-001	Power Supply 1.5KW, 5V	\$ 2,000
260048-002	Static (1MByte SMT)	\$ 7,825
260049-002	Static (2MByte SMT)	\$ TBA

NOTE: This pricing does not include installation. F.O.B. Irvine.

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ACTIVE MEMORY TECHNOLOGY, INC.

ON-SITE HARDWARE MAINTENANCE

- Service

This service agreement is an on-site hardware maintenance contract. Active Memory Technology will repair any and all hardware faults found on the covered equipment.

- Cost

On-site hardware maintenance contracts are 16% of the total list price of the hardware per year. Customer is responsible for all travel and living costs of AMT's customer support engineer. Any non-AMT manufactured hardware is specially quoted. Any customer over 100 miles from an AMT service center must pay for \$60.00 per hour travel time plus transportation and living expenses.

- Coverage

Active Memory Technology, Inc. shall provide coverage Monday through Friday, between the hours of 08:30 - 16:30 customer local standard time (excluding AMT holidays).

Active Memory Technology will respond as follows to a call for remedial hardware service as follows:

<u>Road Miles From Designated A.M.T. Service Center</u>			<u>Response Time</u>
0	-	50 Miles	3.0 Hours
51	-	100 Miles	5.0 Hours
100	-		TBD

- Restrictions

Active Memory Technology, Inc. reserves the right to reject maintenance coverage on any product(s) which have not been on continuous maintenance, or which have been repaired by the customer or a third party without the prior written consent of Active Memory Technology, Inc..

If Active Memory Technology, Inc. rejects a product for maintenance, the customer shall be responsible for all charges to restore that product to a condition acceptable to Active Memory Technology, prior to commencement of maintenance agreement.

- Benefits

Active Memory Technology shall repair at the customer site all hardware faults on the covered equipment.

Immediate component(s) replacement at the customer site.
Minimal customer machine down-time.
Telephone support.
Hardware maintained at current revision level.

ACTIVE MEMORY TECHNOLOGY, INC.

PASS-IN-THE-MAIL HARDWARE MAINTENANCE

• Service

This service agreement is a pass-in-the-mail maintenance contract. Active Memory Technology will assist the customer in identifying and isolating the hardware fault via telephone conversations or direct link via a modem. Once the faulty component is found, Active Memory Technology, Inc. will express a replacement at the same time the customer will express the faulty-component back to Active Memory Technology, Inc., Irvine, CA.

• Cost

Pass-in-the-mail hardware maintenance contracts are 10% of the total list price of the hardware per year. Any non-AMT manufactured hardware is specially quoted.

• Coverage

Active Memory Technology, Inc. will be available for customer assistance Monday-Friday between the hours of 09:00 - 18:00, PST (excluding AMT holidays).

• Restrictions

Active Memory Technology, Inc. reserves the right to reject maintenance coverage on any product(s) which have not been on continuous maintenance, or which have been repaired by the customer or a third party without the prior written consent of Active Memory Technology, Inc.

If Active Memory Technology, Inc. rejects a product for maintenance, the customer shall be responsible for all charges to restore that product to a condition acceptable to Active Memory Technology prior to commencement of maintenance agreement.

• Benefits

Under normal conditions this ensures a 24 hour turnaround.

Considerable cost savings over an on-site contract.

Hardware maintained at current revision level.

Telephone support.

ACTIVE MEMORY TECHNOLOGY, INC.

ON-SITE SPARES/HARDWARE MAINTENANCE

- Service

This service agreement calls for a complete set of sub-assemblies stored at the customer site. Active Memory Technology will assist the customer in identifying and isolating the hardware fault via telephone conversation or direct link via a modem. Once the faulty component is found, a new one can be inserted immediately. At that point, the customer will send the fault component back to Active Memory Technology in Irvine, California.

- Cost

On-site spares/maintenance contracts are 14% of the total list price of the hardware purchase per year. Any non AMT manufactured hardware is specially quoted.

- Prerequisite

Hardware Maintenance Training Course is required.

- Coverage

Active Memory Technology, Inc. will be available for customer assistance Monday through Friday, between the hours of 09:00 - 18:00, PST (excluding AMT holidays).

On-Site spares include:

MCU1
MCU2
HCU
Array Cards
ASU for DAP Series 600

Video Board
Fan
Control Store
Power Supply

- Restrictions

Active Memory Technology, Inc. reserves the right to reject maintenance coverage on any product(s) which have not been on continuous maintenance, or which have been repaired by the customer or a third party without the prior written consent of Active Memory Technology, Inc..

If Active Memory Technology, Inc. rejects a product for maintenance, customer shall be responsible for all charges to restore that product to a condition acceptable to Active Memory Technology, prior to commencement of maintenance agreement.

- Benefits

Ensures limited down time.

Hardware maintained at current revision level.

Telephone support.

ACTIVE MEMORY TECHNOLOGY, INC.

SONY COLOR MONITOR HARDWARE MAINTENANCE

- Service

This service agreement is an Sony Color Monitor (Model GDM 1950) hardware maintenance contract. Active Memory Technology will assist the customer in identifying and isolating the hardware fault via telephone conversations or direct link via a modem. Once the faulty component is found, Active Memory Technology, Inc. will express a replacement at the same time the customer.

- Cost

Sony Color Monitor hardware maintenance contract is a fix price, which cost \$ 1,100.00 per year.

- Coverage

Active Memory Technology, Inc. shall provide coverage Monday through Friday, between the hours of 08:30 - 16:30 customer local standard time (excluding AMT holidays).

- Restrictions

Active Memory Technology, Inc. reserves the right to reject maintenance coverage on any product(s) which have not been on continuous maintenance, or which have been repaired by the customer or a third party without the prior written consent of Active Memory Technology, Inc..

If Active Memory Technology, Inc. rejects a product for maintenance, the customer shall be responsible for all charges to restore that product to a condition acceptable to Active Memory Technology, prior to commencement of maintenance agreement.

- Benefits

Active Memory Technology shall under normal conditions ensures a 24 Hour turnaround replacement Sony Color Monitor, Model GDM 1950.

Considerable cost savings over an on-site contract.
Minimal customer machine down-time.
Telephone support.
Hardware maintained at current revision level.

ACTIVE MEMORY TECHNOLOGY, INC.

ON-SITE DISK SUBSYSTEM HARDWARE MAINTENANCE

- Service

This service agreement is a disk subsystem hardware maintenance contract. Active Memory Technology will assist the customer in identifying and isolating the hardware fault via telephone conversations or direct link via a modem. Once the faulty component is found, Active Memory Technology, Inc. will express a replacement at the same time the customer. AMT will repair a hardware problem at the customer site.

- Cost

Disk subsystem hardware maintenance contracts are 16% of the total list price of the hardware per year.

- Coverage

Active Memory Technology, Inc. shall provide coverage Monday through Friday, between the hours of 08:30 - 16:30 customer local standard time (excluding AMT holidays).

- Restrictions

Active Memory Technology, Inc. reserves the right to reject maintenance coverage on any product(s) which have not been on continuous maintenance, or which have been repaired by the customer or a third party without the prior written consent of Active Memory Technology, Inc..

If Active Memory Technology, Inc. rejects a product for maintenance, the customer shall be responsible for all charges to restore that product to a condition acceptable to Active Memory Technology, prior to commencement of maintenance agreement.

- Benefits

Active Memory Technology shall dispatch an Engineer and repair at the customer site all hardware faults on the covered equipment.

Under normal conditions this ensures a 24 hour turnaround.
Minimal customer machine down-time.
Telephone support.
Hardware maintained at current revision level.

ACTIVE MEMORY TECHNOLOGY, INC.

ON-SITE AEON INTERFACE HARDWARE MAINTENANCE

- Service

This service agreement is a Aeon Interface hardware maintenance contract. Active Memory Technology will assist the customer in identifying and isolating the hardware fault via telephone conversations or direct link via a modem. Once the faulty component is found, Active Memory Technology, Inc. will express a replacement. AMT will repair a hardware problem at the customer site.

- Cost

Aeon Interface hardware maintenance contracts are 16% of the total list price of the hardware per year.

- Coverage

Active Memory Technology, Inc. shall provide coverage Monday through Friday, between the hours of 08:30 - 16:30 customer local standard time (excluding AMT holidays).

- Restrictions

Active Memory Technology, Inc. reserves the right to reject maintenance coverage on any product(s) which have not been on continuous maintenance, or which have been repaired by the customer or a third party without the prior written consent of Active Memory Technology, Inc..

If Active Memory Technology, Inc. rejects a product for maintenance, the customer shall be responsible for all charges to restore that product to a condition acceptable to Active Memory Technology, prior to commencement of maintenance agreement.

- Benefits

Active Memory Technology shall dispatch an Engineer and repair at the customer site all hardware faults on the covered equipment.

Under normal conditions this ensures a 24 hour turnaround.
Minimal customer machine down-time.
Telephone support.
Hardware maintained at current revision level.

ACTIVE MEMORY TECHNOLOGY, INC.

BOARD REPAIR COST POLICY

AMT has established an individual cost for repair of boards. This cost does not include shipping of defective board or loan of a replacement part. AMT will guarantee a 5-day turnaround from the time the board arrives in Irvine, California.

ACTIVE MEMORY TECHNOLOGY, INC.

BOARD REPAIR COSTS

DAP 500 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Repair Cost Per Unit</u>
210122-002	MCU1 Board	\$ 4,005
260023-001	MCU2 (W/O Statics)	\$ 2,886
210101-003	HCU Board	\$ 3,774
260004-003	Array (W/O Statics)	\$ 3,866
210150-001	Array CP-8 (W/O Static)	\$ 3,450
260005-001	0.5 MByte Static (55 NS)	\$ 576
260005-002	1.0 MByte Static (55 NS)	\$ 1,041
260008-001	Backplane	\$ 1,770
260035-001	VME Card Cage (5 Slot)	\$ 1,050
406025-001	Power Supply (W/CCIR DIOC)	\$ 3,000
210125-001	DAP V/O Board with 8 Bit Color	\$ 2,250
210125-002	DAP V/O Board with 24 Bit Color	\$ 5,850
109504-001	VME DR11-W Interface	\$ 2,280
210134-001	IOC/CCIR/GP-8/2MB/510	\$ 6,000
210134-014	IOC/CCIR/GP-8/.5MB/510	\$ 4,650
210134-004	IOC/TAXI/XMIT/RCV/.5MB/510	\$ 6,300
210134-015	IOC/TAXI/XMIT/RCV/2MB/510	\$ 7,500
109501-001	Sony GDM 1950 High Resolution Monitor	\$ 3,060
104501-001	External Video Cable Kit	\$ 100
530002-002	Fan (230 Volts - European)	\$ 52

ACTIVE MEMORY TECHNOLOGY, INC.

BOARD REPAIR COSTS

DAP 500 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Repair Cost Per Unit</u>
405025-001	Power Supply QML (150-063)	\$ 790
260029-001	Static (1MByte SMT)	\$ 2,347
260030-001	Static (2MByte SMT)	4,694

ACTIVE MEMORY TECHNOLOGY, INC.

BOARD REPAIR COSTS

DAP 600 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Repair Cost Per Unit</u>
210122-002	MCU1 Board	\$ 4,005
260023-001	MCU2 (W/O Statics)	\$ 2,886
210121-003	HCU Board	\$ 2,516
210124-001	ASU Board	\$ 1,048
260004-002	Array (W/O Static)	\$ 3,966
210150-002	Array CP-8 (W/O Static)	\$ 3,450
260005-003	0.5 MByte Static (55 NS)	\$ 714
260005-004	1.0 MByte Static (55 NS)	\$ 1,354
260021-002	Backplane	\$ 3,856
260035-001	VME Card Cage (5 Slot)	\$ 700
405025-001	Power Supply (W/CCIR DIOC)	\$ 3,000
210125-001	DAP V/O Board with 8 Bit Color	\$ 2,250
210125-002	DAP V/O Board with 24 Bit Color	\$ 5,850
109504-001	VME DR11-W Interface	\$ 2,280
210134-008	IOC/CCIR/GP-8/2MB/610	\$ 6,000
210134-013	IOC/CCIR/GP-8/5MB/610	\$ 4,650
210134-007	IOC/TAXI/XMIT/RCV/.5MB/610	\$ 6,300
210134-012	IOC/TAXI/XMIT/RCV/2MB/610	\$ 7,500
109501-001	Sony GDM 1950 High Resolution Monitor	\$ 1,350
104501-001	External Video Cable Kit	\$ 100

ACTIVE MEMORY TECHNOLOGY, INC.

BOARD REPAIR COSTS

DAP 600 SERIES

<u>Part Number</u>	<u>Description</u>	<u>Repair Cost Per Unit</u>
530002-002	Fan (230 Volts - U.S. & Eur.)	S 52
405025-001	Power Supply QML (150-063)	S 790
260029-001	Static (1MByte SMT)	S 2,347
260030-001	Static (2MByte SMT)	S 4,694

ACTIVE MEMORY TECHNOLOGY, INC.

HARDWARE AND SOFTWARE MAINTENANCE PAYMENT POLICY

Maintenance shall be payable in United States dollars.

OPTIONS

1. 12 Month Advance Maintenance Payment - 5 % discount will be applied.
2. Semi-Annual - No additional cost.
3. Quarterly - No additional cost.
4. Monthly - 5% surcharge of the yearly maintenance cost will be added.

ACTIVE MEMORY TECHNOLOGY, INC.

TIME & MATERIALS POLICY

On call service not covered under Maintenance Agreement

AMT has established a set rate of \$150.00 per hour at the customer site with a 4-hour minimum. Additional costs to the customer include \$60.00 per hour travel time portal-to-portal (1 hour minimum) plus materials, transportation and living expenses.

ACTIVE MEMORY TECHNOLOGY, INC.

SOFTWARE MAINTENANCE

- **Service**

This service agreement is a per DAP software maintenance contract covering all AMT supplied software, either host or DAP resident. The contract also covers any firmware upgrade required to run the software.

- **Cost**

Software maintenance contracts are 20% of the total list price of software per year.

- **Coverage**

Active Memory Technology, Inc. shall have phone-in software support available Monday through Friday between the hours of 08:30 - 16:30, excluding AMT holidays.

- **Restrictions**

Active Memory Technology reserves the right to reject for maintenance coverage to any product(s) which is not a standard software product, or which has been written by the customer or a third party.

- **Benefits**

Immediate updates to all software and firmware.

Upgrade of all new libraries.

Timely support to new host revision level changes.

Telephone support.

ACTIVE MEMORY TECHNOLOGY, INC.

FORTRAN-PLUS TRAINING

INTRODUCTION TO DAP HIGH LEVEL LANGUAGE

Cost: \$3,000.00

AMT provides 1 instructor on-site at the customer's facility
12 student maximum
Class runs 08:30 - 17:00, 2 days

Prerequisite: A strong background of either Fortran and/or C.
Also a knowledge of the host system.

The primary focus of this course is to give a detailed introduction to DAP high-level programming language, Fortran Plus and to illustrate some of the basic concepts and techniques which enable the user to make effective use of the DAP.

Discussions include an overview of the hardware, software, Fortran-Plus, syntax, runtime libraries, compiler and linker environment, and debugging facilities.

Proper control of the DAP via the host, as well as data transfer techniques are fully explained. The course also includes examples, and more importantly, time will be spent on solving problems on the DAP by compiling, linking and running the codes. There are examples and exercises which show how to use the graphics library and other tools.

Customer provides at least one DAP with host. It is desirable to have more work stations (one per student is ideal) with simulator, if DAP hardware not available.

Price does not include travel and living costs of instructor. Customer should have the following manuals available: (these can be ordered at time of scheduling of training, with at least one each per two students:

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
115001-000	Introduction to Fortran-Plus Programming	\$ 60.00
115002-000	Fortran-Plus Language	\$100.00
115003-000	Developing and Using DAP Programs (UNIX)	\$ 75.00
115004-000	Developing and Using DAP Programs (VAX)	\$ 75.00

ACTIVE MEMORY TECHNOLOGY, INC.

TRAINING

PARALLEL PROCESSING TRAINING TECHNIQUES

Cost: \$3,000.00

AMT provides 1 instructor on-site at the customer's facility
12 student maximum
Class runs 08:30 - 17:00, 2 days

Prerequisite Course: Introduction to AMT DAP High Level Language Fortran-Plus.

This course introduces the new DAP users to some of the elementary parallel processing techniques required to efficiently utilize the DAP architecture. Using the DAP will often mean re-thinking algorithms designed for serial machines and/or writing new parallel algorithms.

The course includes: methods for handling matrixes greater than the size of the DAP, describing different mapping strategies used on the DAP; linear algebra techniques, matrix multiply and solution of simultaneous equations. Other examples include: neural networks, implementation of the back propagation algorithm, manipulation of logical matrixes, fundamental parallel processing techniques of recursive doubling, signal processing such as 1-DFFT and image processing, such as, smoothing and edge detection, iterative techniques and neighborhood operations will be explored.

The class will include many examples, exercises and solutions on the DAP.

Customer provides at least one DAP with host. It is desirable to have more work-stations (one per student is ideal) with simulator, if DAP hardware is not available.

Price does not include travel and living costs of instructor. Customer should have the following manuals available: (these can be ordered at time of scheduling of training) with one of each per two students:

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
115001-000	Introduction to Fortran-Plus Programming	\$ 60.00
115002-000	Fortran-Plus Language	\$100.00
115003-000	Developing and Using DAP Programs (UNIX)	\$ 75.00
115004-000	Developing and Using DAP Programs (VAX)	\$ 75.00

ACTIVE MEMORY TECHNOLOGY, INC.

TRAINING

ADVANCED PROGRAMMING AND CODE REVIEW TRAINING

Cost: \$6,000.00

AMT provides 1 instructor on-site at the customer's facility.
6 Student maximum
Class runs 08:30 - 17:00, 5 days

Prerequisite Courses: Introduction to AMT DAP High Level Language
 Fortran-Plus Parallel Processing Techniques

The class begins with a general review of parallel processing techniques on the DAP. The customer's application is then evaluated and the instructor stresses relevant programming styles. Host/DAP system throughput considerations are evaluated and the most efficient partitioning of the application is found. DAP device driver writing is taught if applicable.

The second phase of the class is that of actively assisting the customer in porting the application. This is accomplished by the instructor and students working as a team. Coding structure and different approaches to the problem are evaluated.

Customer provides at least one DAP with host. It is desirable to have more work stations (one per student is ideal) with simulator, if DAP hardware is not available. Customer should provide the proper software environment if device driver writing is required.

Price does not include travel and living costs of instructor. Customer should have the following manuals available: (these can be ordered at time of scheduling of training) with one each per two students:

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
115001-000	Introduction to Fortran-Plus Programming	\$ 60.00
115002-000	Fortran-Plus Language	\$100.00
115003-000	Developing and Using DAP Programs (UNIX)	\$ 75.00
115004-000	Developing and Using DAP Programs (VAX)	\$ 75.00

ACTIVE MEMORY TECHNOLOGY, INC.

TRAINING

HARDWARE MAINTENANCE TRAINING COURSE

Cost: \$6,000.00

AMT provides instructors on-site at the customer's facility.
4 Student maximum
Class runs 08:30 - 17:00, 5 days

Prerequisite: A strong background in the report and maintenance of electronic devices. A basic knowledge of either UNIX or VMS is also required.

The objective of the hardware portion of the course is to provide the attendants with sufficient information to repair their DAPs to board level. This will be using either the Engineering Test Program (DAPET) or from analysis of system dump information.

The software portion of the course is designed to give the attendants an overall system understanding of the DAP environment. At the end of the course the students will have sufficient information to enable them to install and update the DAP software and interpret failure messages and other information.

Price does not include travel and living costs of instructor. Customer should have the following manuals available: (these can be ordered at time of scheduling of training) with one each per two students:

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
115007-000	Field Service Manual	\$ 100.00

ACTIVE MEMORY TECHNOLOGY, INC.

CONSULTANCY

AMT has established a set rate of \$150.00 per hour (8 hour minimum) or \$5,000.00 per week for consultancy, on-site or at AMT facilities. Additional costs to the customer include \$60.00 per hour travel time (1-hour minimum) plus materials, transportation and living expenses.