



PRICE LIST

Andromeda Systems is a corporation dedicated to the support of the LSI-11. We manufacture and market a large variety of products based on or compatible with the LSI-11 series. These products are manufactured by Andromeda or other companies including DEC.

- * Complete turnkey computer systems pages 2-3
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If you would like additional information on any of the products listed in this price list/short form catalog, or any LSI-11 related product, please contact us.

1-FEB-84
Supersedes 1-SEP-83

COMPUTER SYSTEMS

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SYSTEMS WITHOUT MASS STORAGE

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11/AF	COMPUTER SYSTEM WITH A FALCON PLUS CPU, 16KB MEMORY, 2 SERIAL CHANNELS, 8x4 CARD CAGE, 24-LINE PARALLEL I/O PORT, REAL TIME CLOCK	\$2250.00 C
11/A23	COMPUTER SYSTEM WITH 11/23 CPU, 256KB MEMORY, MMU, 4 SERIAL CHANNELS, 8x4 CARD CAGE (THIS IS NOT A DEC 11A23-x)	4040.00 C
11/A-E	11/A23 WITHOUT CARDS	1400.00 C
11/A-X	11/A23 EXPANSION CHASSIS, INCLUDES 6' BCV11 COMPATIBLE CABLE ASSY, NO CARDS	1500.00 C

SYSTEMS WITH 5.25" DISK

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11/M1-D2	DUAL MINI-DISK SYSTEM WITH 11/2 CPU, 64KB MEMORY, 4 SERIAL CHANNELS, DMA DISK CONTROLLER, TWO 819KB DISK DRIVES, 5x2 CARD CAGE	\$ 4950.00 D
11/M12-W10	WINCHESTER/FLOPPY COMPUTER SYSTEM IN A COMPACT 11/M1 CHASSIS. 10MB WINCHESTER, 512KB 5.25" FLOPPY, 11/23 CPU, 256KB MEMORY, 4 SERIAL CHANNELS, 5x2 CARD CAGE	8400.00 D
11/M123-W15	SINGLE WINCHESTER DISK SYSTEM WITH 11/23 CPU, 256KB MEMORY, 4 SERIAL CHANNELS, 15MB WINCHESTER DISK EMULATING 6 X RK05'S OR 3 X RL01'S, 5 X 2 CARD CAGE	7630.00 D
11/M2-D	DUAL MINI-DISK SYSTEM WITH 11/2 CPU, 64KB MEMORY, 4 SERIAL CHANNELS, DMA DISK CONTROLLER, TWO 819KB DISK DRIVES (1.63MB TOTAL STORAGE), 11x2 CARD CAGE	5150.00 D
11/M23-W15	WINCHESTER/FLOPPY COMPUTER SYSTEM WITH 11/23 CPU, 256KB MEMORY, 4 SERIAL CHANNELS, 15MB WINCHESTER DISK EMULATING 6 X RK05'S OR 3 X RL01'S, 512KB MINI FLOPPY DISK EMULATING RX02, VIDEO TERMINAL	9200.00 D

SYSTEMS WITH 8" DISK

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11/B1-32DS DUAL FLOPPY DISK COMPUTER SYSTEM WITH \$ 7350.00 B
 11/2 CPU, EIS/FIS, 64KB MEMORY, 4
 SERIAL CHANNELS, TWO 625KB DISK DRIVES
 (1.25MB TOTAL STORAGE) RX01 MEDIA
 COMPATIBLE PLUS HIGH PERFORMANCE
 DOUBLE DENSITY, 8x4 CARD CAGE, VIDEO
 TERMINAL

11/B23-W15 WINCHESTER/FLOPPY COMPUTER SYSTEM WITH 10600.00 B
 11/23 CPU, 256KB MEMORY, 4 SERIAL
 CHANNELS, 15MB WINCHESTER DRIVE
 EMULATING 6 X RK05'S OR 3 X RL01'S,
 512KB FLOPPY DISK EMULATING RX02, VIDEO
 TERMINAL

SYSTEMS WITH 14" FIXED DISK

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11/B231-WTS WINCHESTER-MAGTAPE-FLOPPY COMPUTER \$23000.00 B
 SYSTEM WITH 11/23 CPU, 256KB MEMORY, 4
 SERIAL CHANNELS, DUAL DOUBLE DENSITY
 FLOPPY DISKS (625KB EACH), 14" 72MB
 WINCHESTER DRIVE (RPX72), 9 TRACK
 1600 BPI STREAMING MAG TAPE DRIVE
 (TM11X), VIDEO TERMINAL, 52" ROLL
 AROUND CABINET

SYSTEMS WITH 14" CARTRIDGE DISK

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11/H231 CARTRIDGE DISK COMPUTER SYSTEM WITH 11500.00 B
 11/23 CPU, 256KB MEMORY, 10MB RK05
 DISK, 4 SERIAL CHANNELS, VIDEO TERMINAL,
 ROLL AROUND CABINET

11/H231-DDF CARTRIDGE DISK-FLOPPY COMPUTER SYSTEM 16975.00 B
 SAME AS 11/H231 BUT WITH DUAL, DOUBLE
 DENSITY FLOPPY DISKS AND A 150 CPS
 SERIAL PRINTER

ANDROMEDA OFFERS TURNKEY APPLICATION SYSTEMS FOR USE IN DATA ACQUISITION AND PROCESS CONTROL, WORD PROCESSING, GRAPHICS AND TIME SHARING. CONTACT THE FACTORY FOR DETAILS.

RT-11 SOFTWARE CAN BE ADDED TO SYSTEMS WITH MASS STORAGE DEVICES AT A COST OF ONLY \$1000.00. SPECIFY U/QJ013. INCLUDES LICENSE, FLOPPY MEDIA, AND MANUAL SET.

ANDROMEDA COMPUTER SYSTEMS WITH STANDARD VIDEO TERMINALS CAN BE UPGRADED TO INCLUDE VDT11 TERMINALS AT A SUBSTANTIAL DISCOUNT. UPGRADE COSTS ARE: U/VDT11-A \$950.00 U/VDT11-B \$950.00 U/VDT11-C \$1050.00. FOR SYSTEMS WITHOUT STANDARD VIDEO TERMINALS THE COSTS ARE: U/VDT11-A1 \$1450.00 U/VDT11:B1 \$1450.00 U/VDT11-C1 \$1550.00

MASS STORAGE SUBSYSTEMS AND COMPONENTS

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5.25" WINCHESTER SINGLE DISK SYSTEMS

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MDS-5	5MB WINCHESTER SYSTEM (1 X RL01 OR 2 X RK05)	\$3200.00 C
MDS-10	10MB WINCHESTER SYSTEM (2 X RL01 OR 1 X RL02 OR 4 X RK05)	3400.00 C
MDS-15	15MB WINCHESTER SYSTEM (3 X RL01 OR 6 X RK05)	3600.00 C
MDS-20	20MB WINCHESTER SYSTEM (4 X RL01 OR 2 X RL02 OR 8 X RK05 OR 1 X RP02)	3800.00 C
MDS-30	30MB WINCHESTER SYSTEM	5300.00 C

NOTE: THE MDS CHASSIS IS DESIGNED TO ACCOMODATE A SINGLE 5.25" DRIVE; A SECOND DRIVE CANNOT BE ADDED TO THE MDS SYSTEMS; FOR FLOPPY EXPANSION CHASSIS SEE RDS-XB (8") OR MDS-XB (5.25").

5.25" WINCHESTER DUAL DISK SYSTEMS

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MWDS-5	5MB WINCHESTER SYSTEM (1 X RL01 OR 2 X RK05)	\$4000.00 C
MWDS-10	10MB WINCHESTER SYSTEM (2 X RL01 OR 1 X RL02 OR 4 X RK05)	4200.00 C
MWDS-15	15MB WINCHESTER SYSTEM (3 X RL01 OR 6 X RK05)	4400.00 C
MWDS-20	20MB WINCHESTER SYSTEM (4 X RL01 OR 2 X RL02 OR 8 X RK05 OR 1 X RP02)	4600.00 C
MWDS-30	30MB WINCHESTER SYSTEM	5900.00 C

NOTE: TO ADD RX02 EMULATING (.5MB), 5.25" FLOPPY DRIVE TO THE ABOVE SYSTEMS, ADD "/.5" TO THE PART NUMBER- E.G. MWDS-5/.5. THE PRICE INCREASE IS \$660.00.

8" WINCHESTER DUAL DISK SYSTEMS

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WDS-5	5MB WINCHESTER SYSTEM (1 X RL01 OR 2 X RK05)	\$4300.00 C
WDS-10	10MB WINCHESTER SYSTEM (2 X RL01 OR 1 X RL02 OR 4 X RK05)	4500.00 C
WDS-15	15MB WINCHESTER SYSTEM (3 X RL01 OR 6 X RK05)	4700.00 C
WDS-20	20MB WINCHESTER SYSTEM (4 X RL01 OR 2 X RL02 OR 8 X RK05 OR 1 X RP02)	4900.00 C
WDS-30	30MB WINCHESTER SYSTEM (3 X RL02)	6400.00 C

NOTE: TO ADD RX02 EMULATING (.5MB) 8", SINGLE HEADED, DOUBLE DENSITY FLOPPY DRIVE TO THE ABOVE SYSTEMS, ADD "/.5" TO THE PART NUMBER- E.G. WDS-5/.5. THE PRICE INCREASE IS \$650.00.

14" WINCHESTER DISK SYSTEMS

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RPX72	72MB DISK SYSTEM, EMULATES RP02'S. INCLUDES RP72 DISK DRIVE, CSMD CABLE, SMC11 QUAD WIDTH CONTROLLER CARD	\$7650.00 Y
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WINCHESTER DISK COMPONENTS

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THE WDC11 IS AVAILABLE AS A COMBINATION WINCHESTER/FLOPPY DISK CONTROLLER, OR AS A WINCHESTER ONLY CONTROLLER (WDC11-xW). THE COMBINATION CONTROLLER CAN BE USED WITH 5.25" OR 8" WINCHESTER AND 5.25" OR 8" FLOPPY DRIVES, WHILE THE WDC11-xW CAN BE USED WITH 5.25" OR 8" WINCHESTERS. A VARIETY OF HARD DISK EMULATIONS ARE AVAILABLE.

WDC11-B	WINCHESTER/FLOPPY CONTROLLER; DUAL-WIDTH CARD FOR USE WITH 5.25" OR 8" WINCHESTER AND FLOPPY DISK DRIVES. WINCHESTER EMULATES RK05, FLOPPY EMULATES RX02.	\$2000.00	A
WDC11-C	WINCHESTER/FLOPPY CONTROLLER; SAME AS WDC11-B EXCEPT WINCHESTER EMULATES RL01 OR RL02.	2000.00	A
WDC11-D	WINCHESTER/FLOPPY CONTROLLER; SAME AS WDC11-D EXCEPT WINCHESTER EMULATES RP02.	2000.00	A
WDC11-BW	WINCHESTER ONLY CONTROLLER; FOR USE WITH 5.25" OR 8" WINCHESTER DRIVES. WINCHESTER EMULATES RK05.	1750.00	A
WDC11-CW	WINCHESTER ONLY CONTROLLER; SAME AS WDC11-BW, EXCEPT WINCHESTER EMULATES RL01/2.	1750.00	A
WDC11-DW	WINCHESTER ONLY CONTROLLER; SAME AS WDC11-BW, EXCEPT WINCHESTER EMULATES RP02.	1750.00	A
WPC5F	ADAPTER BOARD, FOR USE WITH 5.25" FLOPPY DRIVES AND WDC11	50.00	A
WPC8F	ADAPTER BOARD, FOR USE WITH SA800 INTERFACE 8" FLOPPY DRIVES AND WDC11	50.00	A
WPC5W	PERSONALITY CARD, FOR USE WITH 5.25" WINCHESTER DRIVES AND WDC11	100.00	A
WPC8W	PERSONALITY CARD, FOR USE WITH 8" WINCHESTER DRIVES AND WDC11	100.00	A
WTA5	ADAPTER CHASSIS, ALLOWS USE OF 5.25" WINCHESTER IN 8" FLOPPY MOUNTING SPACE; INCLUDES INTEGRAL POWER SUPPLY AND FAN	370.00	C
RP72	14" 72MB WINCHESTER DISK DRIVE	5150.00	Y
CSMD	CABLE SET FOR RP DRIVE	100.00	A
SMC11	SMD CONTROLLER. EMULATES DEC RP11E. QUAD-WIDTH. CONTROLS UP TO 2 DRIVES.	2450.00	Y

5.25" FLOPPY DISK SYSTEMS

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DDMS-A	DUAL-DOUBLE DENSITY SYS (W/MF1 DRIVES)	2179.00 B
DDMS-B	DUAL-DOUBLE DENSITY SYS (W/MF2 DRIVES)	2454.00 B
DDMS-C	DUAL-DOUBLE TRK DENS SYS (W/MF4 DRIVES)	2696.00 B
DMDS-XA	DUAL MINI DISK EXPANSION (MF1'S)	1429.00 B
DMDS-XB	DUAL MINI DISK EXPANSION (MF2'S)	1704.00 B
DMDS-XC	DUAL MINI DISK EXPANSION (MF4'S)	1946.00 B
MDS-XA	SINGLE MINI DISK EXPANSION (MF4, FOR USE WITH DMDC11 OR DFDC11 CONTROLLERS)	850.00 B
MDS-XB	SINGLE MINI DISK EXPANSION (MF4, FOR USE WITH WDC11 CONTROLLER)	900.00 B

8" FLOPPY DISK SYSTEMS

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DDFDS-A	DUAL-DOUBLE DENSITY SYS (W/SA800 DRIVES)	3355.00 B
DFDS-XA	DUAL FLOPPY DISK EXPANSION (SA800)	2120.00 B
RDS-XA	SINGLE FLOPPY DISK EXPANSION (SA800, FOR USE WITH DFDC11 OR FDC11-B CONTROLLERS)	1000.00 B
RDS-XB	SINGLE FLOPPY DISK EXPANSION (SA800, FOR USE WITH WDC11 CONTROLLER)	1050.00 B

RK05 CARTRIDGE DISK

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RKX11-A	9.6MB DUAL RK05 DISK SYSTEM: 1 FIXED PLATTER, 1 REMOVABLE CARTRIDGE QUAD-WIDTH RK11 COMPATIBLE CONTROLLER AND CABLES.	\$5600.00 Y
RK11	RK11 COMPATIBLE CONTROLLER, QUAD WIDTH	\$1500.00 Y
RK10X	RK05 COMPATIBLE (9.6MB) CARTRIDGE DRIVE, 4.8MB REMOVABLE/4.8MB FIXED, NO CABLE	4000.00 Y
CRKC	CABLE FOR RK11	200.00 A

1/2" MAGNETIC TAPE

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TM11X	9 TRACK MAGNETIC TAPE SYSTEM. EMULATES TM11. REELS UP TO 10", 100 IPS IN STREAMING MODE, ALSO OPERATES IN START-STOP MODE. 1600 BPI PE. INCLUDES TAPE DRIVE, 6' CABLE SET, TMC11-A QUAD WIDTH CONTROLLER CARD	\$5750.00 X
TMC11-A	MAG TAPE COUPLER, REQUIRES EXTERNAL FORMATTER, QUAD WIDTH	\$1695.00 Y
CTM11-A	CABLE ASSEMBLY FOR USE WITH TMC11-A	100.00 A

TERMINALS AND PRINTERS

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VIDEO TERMINALS

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ADM-3A	VIDEO TERMINAL 24 LINE/80 CHAR UC	\$ 595.00 X
ADM-LC	LOWER CASE OPTION FOR ADM-3A	35.00 X
ADM-5	VIDEO TERMINAL 24 LINE/80 CHAR, WITH UPPER/LOWER CASE, NUMERIC KEYPAD	645.00 X
RG-512	512 X 250 GRAPHICS FOR ADM-3A, INCLUDES SOFTWARE COMPATIBILITY W/ TEK 4010 (NOTE: RG-512 FOR ADM-5 IS 1255.00)	1225.00 X
VT100-AA	THE DEC VIDEO TERMINAL	1750.00 X
VT1XX-AB	ADVANCED VIDEO OPTION FOR VT100	170.00 X

GRAPHIC DISPLAY SUBSYSTEMS

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VDT11-A	VIDEO TERMINAL EMULATES ADM-3A. PLUGS DIRECTLY INTO Q-BUS. INCLUDES INDEPENDENT SERIAL CHANNEL, 256 x 512 GRAPHICS, SMOOTH SCROLLING, SEPARATE SERIAL KEYBOARD	\$1500.00 D
VDT11-B	SAME AS VDT11-A, BUT EMULATES DEC VT-52 INCLUDES GRAPHICS AND SMOOTH SCROLLING	1500.00 D
VDT11-C	SAME AS VDT11-B, BUT PROVIDES 2 PAGES OF DISPLAY AND MANY OTHER FUNCTIONS	1800.00 D

PRINTING TERMINALS

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LA38-GA	30 CPS MATRIX PRINTING TERMINAL	1500.00 X
LA120-DA	180 CPS MATRIX PRINTING TERMINAL	2800.00 X

PARALLEL PRINTERS

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TTM40	300LPM CHAIN PRINTER W/ACOUSTIC ENCLOSURE, VFU	\$4750.00 X
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NOTE: THE ABOVE PRINTER REQUIRES A PARALLEL PRINTER
INTERFACE AND CABLE (LPI11 OR MS111-P).

SERIAL PRINTERS

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TI810	150 CPS MATRIX PRINTER, FULL ASCII	\$1645.00 Y
TI810-EXP	EXPANDED CHARACTER SET FOR TI810	75.00 Y
DI1640-RO	45 CPS DAISY WHEEL PRINTER	2850.00 X

NOTE: THE ABOVE PRINTERS REQUIRE A SERIAL INTERFACE AND
CABLE (DLV11 OR MS111). THE MS111 SERIES CAN BE MODIFIED
TO ALLOW THE TI810 TO RUN AT FULL SPEED WITHOUT LOSING
CHARACTERS FOR \$50.00 IF ORDERED WITH THE INTERFACE
(\$100.00 FOR A RETROFIT) SPECIFY TI810/MOD. THE DI1640-RO
REQUIRES THE DEVICE HANDLER SOFTWARE DI-H TO RUN AT A FULL
45 CPS. WITHOUT DI-H IT CAN RUN AT 30 CPS MAX.

INDIVIDUAL BOARDS

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CENTRAL PROCESSING UNIT

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KD11-HA	LSI-11/2 CPU, DUAL WIDTH, NO MEMORY	\$ 650.00	Y
KEV11	EIS/FIS MICROM CHIP FOR KD11	170.00	Y
KDF11-AA	LSI-11/23 CPU WITH MMU	1139.00	Y
KDF11-AC	LSI-11/23 CPU WITHOUT MMU	969.00	Y
KDF11-128	LSI-11/23 CPU,MMU,256KB MEMORY(2 CARDS; (KDF11-AA & MEM11-128)	1834.00	Y
KEF11-AA	FPP MICROM CHIP FOR KDF11	191.00	Y
KTF11-AA	MMU CHIP FOR KDF11	357.00	Y

SERIAL INTERFACES

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MS111-1	SINGLE CHANNEL, 50-19.2K BAUD, RS232 AND 20MA	\$ 250.00	A
MS111-2	DUAL CHANNEL, 50-19.2K BAUD, RS232 AND 20MA	350.00	A
MS111-4	QUAD CHANNEL, 50-19.2K BAUD, RS232 AND 20MA	450.00	A

NOTE: THE MS111-x SERIES OF SERIAL INTERFACES ARE ON DUAL WIDTH CARDS. THE SMSI CABLE SERIES IS RECOMMENDED FOR THE MS111 INTERFACES, SEE CABLE SECTION. HANDSHAKING SIGNALS FOR A SERIAL T1810 PRINTER ARE AVAILABLE: T1810/MOD, \$50.00.

DLV11-E	SERIAL INTERFACE W/MODEM CONTROLS	374.00	Y
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PARALLEL PRINTER INTERFACES

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LP111-B	LP: INTERFACE FOR CENTRONICS	395.00	A
NOTE: THE ABOVE INTERFACES INCLUDE 15' CABLES.			
MS111-2P	INTERFACE FOR LA180 OR CENTRONICS, AND 2 SERIAL CHANNELS	495.00	A
MS111-3P	SAME AS MS111-2P BUT 3 SERIAL CHANNELS	595.00	A
NOTE: THE MS111-P SERIES DO NOT INCLUDE CABLES. THE CMSI-P SERIES AND CCT700B CABLES ARE RECOMMENDED. SEE CABLE SECTION.			

PARALLEL INTERFACES

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DI011	64 TTL I/O LINES WITH USER LOGIC AREA	295.00	A
DRV11	16 IN/16 OUT WITH INTERRUPT LOGIC	\$ 255.00	Y
DRV11-B	PARALLEL DMA INTERFACE	570.00	Y
DRV11-J	64 TTL I/O LINES WITH INTERRUPT LOGIC	383.00	Y

MEMORY

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MEM11-16	16K X 16 MEMORY CARD	\$ 425.00	D
MEM11-32	32K X 16 MEMORY CARD	450.00	D
MEM11-64	64K x 16 MEMORY CARD	650.00	D
MEM11-128	128K x 16 MEMORY CARD	695.00	D

MEMORY-ROM/PROM/EPROM

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PROM11-A      256 X 16 USING 74S471 PROMS          $ 150.00 A
PROM11-B      8K X 16 USING 2716 EPROMS (5V ONLY) 160.00 A
PROM11        4K X 16 USING 2704/2708/2716 EPROMS 170.00 A
xxboot/74S471 PROM SET FOR PROM11-A.  BOOTS DX, RK,   35.00 A
DL, DZ, DY, OR MZ.  SELECT ANY 2 DEVICES.
    
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DATA ACQUISITION MODULES

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ADC11         16 CHANNEL/12 BIT A TO D CONVERTER    $ 850.00 C
DAC11         4 CHANNEL/12 BIT D TO A CONVERTER    700.00 A
PRTC11        PROGRAMMABLE REAL TIME CLOCK         600.00 A
IBV11-A       IEEE-488 (HP-IB) INTERFACE & CABLE   680.00 Y
    NOTE: SOFTWARE SUPPORT ROUTINES FOR THE ADC11, DAC11,
    PRTC11 AND IBV11-A ARE AVAILABLE.  SEE SOFTWARE SECTION.
CB11-A        CONNECTOR BOX FOR ADC11              150.00 C
CB11-B        CONNECTOR BOX FOR PRTC11             150.00 C
CB11-C        CONNECTOR BOX FOR DAC11              150.00 C
CB11-X        CONNECTOR BOX, BLANK, TWO 40 LINE    100.00 C
CONNECTORS
    
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FLOPPY DISK CONTROLLERS

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DFDC11        DOUBLE DENSITY FLOPPY DISK CONTROLLER, $ 1200.00 A
HIGH PERFORMANCE; CONTROLS 5.25"
FLOPPIES TOO
DMDC11        DOUBLE DENSITY MINI FLOPPY CONTROLLER 750.00 A
    NOTE: RT-11 COMPATIBLE HANDLERS ARE AVAILABLE FOR THE
    DFDC11 AND DMDC11.  SEE SOFTWARE SECTION.
    
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VIDEO DISPLAY CONTROLLERS AND COMPONENTS

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VDC11-A       VIDEO CONTROLLER EMULATES ADM-3A WITH $1000.00 A
256 X 512 GRAPHICS, SMOOTH SCROLLING, AND
SERIAL KEYBOARD INPUT. PLUGS DIRECTLY INTO
Q-BUS. INCLUDES INDEPENDENT SERIAL CHANNEL.
VDC11-B       SAME AS VDC11-A, BUT EMULATES DEC VT-52 1000.00 A
VDC11-C       SAME AS VDC11-B, BUT INCLUDES TWO PAGES 1300.00 A
OF DISPLAY MEMORY, ADDITIONAL FUNCTIONS
TVDCB         TERMINAL I/O DISTRIBUTION CARD FOR USE 200.00 A
WITH VDC11
KVDCA         SERIAL KEYBOARD FOR USE WITH VDC11.   250.00 A
ADM-3A STYLE, WITH CABLE
KVDCB         SERIAL KEYBOARD FOR USE WITH VDC11.   250.00 A
VT-52 STYLE, WITH CABLE
    
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SOFTWARE

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NOTE: THE SOFTWARE LISTED BELOW IS NORMALLY SHIPPED ON FLOPPY DISK (OR MINI DISK). THERE IS A \$87.50 SURCHARGE FOR EACH RKD CARTRIDGE DISK, OR \$130.00 FOR EACH RL01.

DEC SOFTWARE
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QJB46-DZ	GENERAL OPERATING SYSTEM LICENSE FOR LSI-11/2 AND 11/23 CPU'S	\$ 800.00	Y
QJ013-DZ	RT-11 LICENSE, (CPU UNRESTRICTED)	625.00	Y
QJ013/C	RT-11 SET; INCLUDES RT-11 LICENSE, RX01 MEDIA AND MANUAL SET	1080.00	Y
QJ013/SD	1 YEAR RT-11 SOFTWARE DISPATCH (REQUIRES RT-11 LICENSE SUPPLIED BY ANDROMEDA FOR PURCHASE)	200.00	Y
QJ015	IBV11-A SUPPORT SOFTWARE	290.00	Y
QJ813	FORTRAN	948.00	Y
QJ913	SINGLE USER BASIC	870.00	Y
QJ921	MULTI-USER BASIC UP TO 8 USERS	900.00	Y
QJ960	FORTRAN SCIENTIFIC SUBROUTINES	984.00	Y
QJV13	RT-11 RUNTIME SOFTWARE LICENSE ONLY	200.00	Y
QJ642-DZ	RSX-11S OPERATING SYSTEM LICENSE	476.00	Y
QP240-DZ	BASIC (INTERPRETER) LICENSE (RSX)	1561.00	Y
QP230-DZ	FORTRAN IV LICENSE (RSX)	595.00	Y
QJ668-DZ	FORTRAN IV PLUS LICENSE (RSX)	3715.00	Y
QP901-DZ	RMS-11K ISAM FILE MANAGER LICENSE (RSX)	1471.00	Y

TIMESHARE SOFTWARE

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TSX-PLUS	RT-11 TIME-SHARING SOFTWARE, UTILIZES 22-BIT ADDRESSING. QJ013, LSI-11/23 REQUIRED	\$2000.00	Y
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DATA BASE MANAGEMENT SOFTWARE

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RDM, THE REAL-TIME DATA MANAGER, IS A DBMS SYSTEM WHICH PROVIDES THE CAPABILITY OF FAST APPLICATION DEVELOPMENT FOR DATA STORAGE AND REPORT GENERATION REQUIREMENTS.

RDM		\$2495.00	Y
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WORD PROCESSING SOFTWARE

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DPS	DOCUMENT PROCESSING SYSTEM (QJ013 REQ'D)	\$200.00	A
DPS V2	DPS WITH MANY MAJOR ENHANCEMENTS	400.00	A
VEDIT	VIDEO ORIENTED EDITOR, SUPPORTS ADM-3A, H1500, VT52 & VT100 TERMINALS, RUNS UNDER TECO	200.00	A
SPELL	SPELLING CHECKER PROGRAM	350.00	Y

RT-11 DEVICE HANDLERS

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DZ-HS          HANDLER FOR DFDC11 & 8" FLOPPIES          200.00 A
MZ-HS          HANDLER FOR DMDC11 & 40 TRK MINIFLOPPIES 200.00 A
MV-HS          HANDLER FOR DMDC11 & 80 TRK MINIFLOPPIES 200.00 A
DI-H          HANDLER FOR HYTERM/MULTITERM/DIABLO      100.00 A
  
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NOTE: A LICENSE FOR RT-11 IS A PREREQUISITE.

DATA ACQUISITION & GRAPHICS SOFTWARE

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DAS/F          MENU DRIVEN DATA ACQUISITION SOFTWARE    $500.00 A
                FOR ADC11, DAC11, AND PRTC11 MODULES.
DAS/F-G        OPTIONAL TEK 4010 (OR VDT-11) GRAPHICS    200.00 A
                SUPPORT FOR DAS/F (DAS/F REQ'D)
DAS/F-GH       HARDCOPY GRAPHICS SUPPORT (DAS/F-G REQ'D) 200.00 A
LABEX1         ADC11 DRIVER FOR SU BASIC OR FORTRAN      100.00 A
LABEX2         PRTC11 DRIVER FOR SU BASIC OR FORTRAN      100.00 A
LABEX3         DAC11 DRIVER FOR SU BASIC OR FORTRAN      100.00 A
LABEX4         LABEX1+LABEX2+LABEX3                      200.00 A
LABEX5         VDC11/VD T11, TEK 4010 OR ADM-3A/RG-512' 200.00 A
                GRAPHICS SUPPORT SUBROUTINES
LABEX6         HARDCOPY GRAPHICS SUPPORT SUBROUTINES    200.00 A
LABEX7         GRAPHIC DIGITIZER (HI-PAD) SUBROUTINES    100.00 A
  
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MISCELLANEOUS SOFTWARE

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TSX-NET        SYSTEM TO SYSTEM FILE TRANSFER AND        750.00 Y
                REMOTE ACCESS UTILITY, USE WITH RT-11
                OR TSX-PLUS
STREAM SAVE    BACKUP/RESTORE UTILITY FOR LARGE DISK    450.00 Y
                DRIVES AND STREAMING TAPE DRIVES.
                OPERATING SYSTEM INDEPENDENT
BASEX1        PEEK AND POKE ROUTINES FOR SU BASIC QJ913  50.00 A
  
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MI SCELLANEOUS

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HARDWARE

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SW11-A	CPU CONTROL SWITCH ASSEMBLY	\$120.00	A
EB-11	QUAD WIDTH EXTENDER BOARD WITH ISOLATOR SWITCHES AND TEST POINTS FOR ALL Q-BUS SIGNAL LINES (ONE SIDE)	250.00	A
EB-11/2	EB11 CUT IN HALF: TWO DUAL WIDTH EXTENDER BOARDS. ONE WITH ISOLATOR SWITCHES, AND ONE JUST STRAIGHT	250.00	A
8LCC	8 QUAD SLOT CARD CAGE W/POWER CABLE	350.00	C
8LCC-T	8LCC WITH TERMINAL STRIP	350.00	C
8LCC/2	8 DUAL SLOT CARD CAGE	225.00	C
ME-A	MOBILE ENCLOSURE, 21" RACK SPACE	460.00	Y
ME-B	MOBILE ENCLOSURE, 52" RACK SPACE	625.00	Y
TE-L	TABLE TOP ENCLOSURE, 21" RACK SPACE	335.00	Y

MEDIA

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NOTE: FLOPPY DISKETTES ARE SOLD IN BOXES OF 10 ONLY.

FD	SINGLE DENSITY FLOPPY DISKETTES	\$ 49.50	D
DFD	DOUBLE DENSITY FLOPPY DISKETTES	59.50	D
DFD/2	DOUBLE SIDED/DOUBLE DENSITY DISKETTES	75.00	D
MFD	MINI DISKETTES, SINGLE & DOUBLE DENSITY	49.50	D
204/2D	MINI DISKETTES, DOUBLE DENSITY, 96 TPI (DYSAN 802067)	75.00	D
RKD	RK CARTRIDGE DISK, CERTIFIED 200TPI	87.50	D
MT1200	MAGNETIC TAPE, 1200', 8.75" REEL	13.50	X
MT2400	MAGNETIC TAPE, 2400', 10" REEL	20.00	X
LPP	LINE PRINTER PAPER, 11 X 14, BOX	45.00	X
TYP	PRINTER PAPER, 11 X 8 1/2, UNLINED, BOX	35.00	X

CABLES

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FLAT CABLES WITH MALE, FEMALE, D-SUBMINATURE (25-LINE ONLY), OR PCB CONNECTORS ARE MADE TO ORDER. SUCH CABLES ARE SUBJECT TO DISCOUNT SCHEDULE C. THE PART NUMBER IS Cxx-tlt[lt], WHERE xx=20, 25, 34, 40, OR 50 (LINES). t SPECIFIES THE TERMINATION ON EACH END: M, F, D, OR P FOR MALE, FEMALE, D-SUBMINATURE (EIA) OR PC EDGE FEMALE. 1 REPRESENTS THE LENGTH IN FEET. PRICE IS \$40.00 PLUS \$1.00 PER FOOT (OR FRACTION) OVER 3 FEET. IF ONE END IS UNTERMINATED, SUBTRACT \$5.00. IF MORE THAN TWO CONNECTORS ARE WANTED, ADD \$10.00 FOR EACH ADDITIONAL OVER TWO. IF COLOR CODED CABLE IS DESIRED, ADD \$1.00 PER FOOT (OR FRACTION) AT ANY LENGTH AND ADD -C TO THE PART NUMBER. DISCOUNT SCHEDULE A.

SIA SERIAL INTERFACE ADAPTER FOR DLV11. \$ 52.00 A
CABLE FOR EIA RS232-C (TERMINAL OR MODEM)
AND 20MA CURRENT LOOP

CMXV SERIAL INTERFACE CABLE FOR DEC DLV11-J 50.00 A
OR MXV11. SIMILAR TO DEC BC21B-05, 21" LONG

THE CMSIA CABLES HAVE SEPARATE CONNECTOR ASSEMBLIES FOR EACH CHANNEL. THE CMSIB CABLES HAVE ALL OF THE CHANNEL I/O CONNECTORS ON A SINGLE PCB ASSEMBLY. THE CMSIB CABLES ALSO INCLUDE REMOTE DATA RATE SWITCHES WHICH ARE OPTIONAL (\$5.00 PER CHANNEL) ON THE CMSIA CABLES.

CMSIA-1 SERIAL INTERFACE ADAPTER FOR MS111-1 \$ 50.00 A

CMSIA-2 SERIAL INTERFACE ADAPTER FOR MS111-2 65.00 A

CMSIA-4 SERIAL INTERFACE ADAPTER FOR MS111-4 115.00 A

CMSIB-2 SERIAL INTERFACE ADAPTER FOR MS111-2 65.00 A

CMSIB-4 SERIAL INTERFACE ADAPTER FOR MS111-4 115.00 A

CMSIA-2P SERIAL INTERFACE ADAPTER FOR MS111-2P 100.00 A

CMSIA-3P SERIAL INTERFACE ADAPTER FOR MS111-3P 120.00 A

CMSIB-2P SERIAL INTERFACE ADAPTER FOR MS111-2P 100.00 A

CMSIB-3P SERIAL INTERFACE ADAPTER FOR MS111-3P 120.00 A

SLCP SERIAL LINE CONNECTOR PANEL, 3.5" X 19". 50.00 A

MOUNTS UP TO 5 CMSIB-X CABLE ASSEMBLIES

CVDCA INTERNAL CABLE FOR VDC11 CARD 65.00 A

CCT700B PRINTER CABLE FOR USE WITH MS111-P 65.00 A

AND PRINTERS WITH CENTRONICS INTERFACES

NOTE: A COMPLETE STOCK OF FLAT AND OTHER CABLE PRODUCTS IS AVAILABLE FOR YOUR NEEDS. PLEASE INQUIRE FOR SPECIAL QUOTES.

SYSTEM INTEGRATION

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ANDROMEDA SYSTEMS WILL PERFORM SYSTEMS INTEGRATION CONSISTING OF COMPONENT CHECKOUT AND SYSTEM ASSEMBLY AND CHECKOUT ON QUALIFYING COMPONENT PURCHASES. A QUALIFYING COMPONENT PURCHASE INCLUDES ALL SYSTEM COMPONENTS REQUIRED TO FORM A COMPLETE COMPUTER SYSTEM. MINIMALLY, SUCH A SET WOULD CONSIST OF: KD11-HA CPU, MEM11-16 MEMORY MS111-1 SERIAL INTERFACE, A CARD CAGE, A CHASSIS, A SET OF POWER SUPPLIES, A PDU POWER DISTRIBUTION UNIT, AN SW11 CONTROL PANEL, A SET OF TERMINAL CABLES, AND A TERMINAL. IN ADDITION TO THIS MINIMUM SET, ANY OTHER OPTIONS AND INTERFACES SUCH AS MEMORIES OR PERIPHERALS MAY BE INCLUDED.

THE SYSTEM INTEGRATION FEE IS COMPUTED ON THE FOLLOWING BASIS:
10% OF THE PRICE OF ALL COMPONENTS EXCLUDING TERMINALS,
PRINTERS, AND HARD DISKS.
\$100.00 FOR EACH TERMINAL AND/OR PRINTER.
\$350.00 FOR EACH HARD DISK CONTROLLER & SINGLE DRIVE
\$100.00 FOR EACH ADDITIONAL HARD DISK DRIVE
\$200.00 FOR EACH 14" WINCHESTER DRIVE & CONTROLLER, OR
STREAMING TAPE DRIVE AND CONTROLLER.
SOFTWARE IS NOT SUBJECT TO THE INTEGRATION FEE.

DISCOUNTS

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QUANTITY DISCOUNTS ARE AVAILABLE ON SOME ITEMS. ITEMS MARKED WITH A LETTER FOLLOWING THE PRICE ARE SUBJECT TO THE FOLLOWING DISCOUNT SCHEDULES:

A:	1-9	0%	B:	1-9	0%	C:	1-9	0%	D:	1-4	0%
	10-24	10%		10-24	5%		10-24	5%		5-9	5%
	25-49	20%		25-49	10%		25-49	10%		10-24	10%
	50+	25%		50+	25%		50+	25%		25-49	15%
										50+	20%

Y: DISCOUNTABLE TO AUTHORIZED DISTRIBUTORS ONLY
X: NOT DISCOUNTABLE

FOR QUANTITIES ABOVE THOSE INDICATED, OR SPECIFIC PACKAGES, CONTACT THE FACTORY.

STANDARD TERMS & CONDITIONS

1. 25% deposit is required with order, balance on delivery unless credit has been approved.
2. Credit terms are net 30 days. 2% interest per month (24% per annum) accrues on overdue accounts.
- 2A. Until the products shipped to the customer are paid for by the customer, the customer gives to ANDROMEDA a security interest in the products and the proceeds (including accounts receivable) thereof, if any, as security for payment.
3. Prices are domestic U.S.A., F.O.B. Canoga Park, CA.
4. Prices are subject to change without notice, written quotes excepted.
5. Non-U.S. orders must be paid in accordance with the terms specified in the document: SPECIAL TERMS AND CONDITIONS FOR NON-DOMESTIC CUSTOMERS, available on request.
6. ANDROMEDA SYSTEMS warrants products that it manufactures to be free from defect in design, workmanship, and material under normal use and service for a period of 1 year. Items with moving parts are warranted for 90 days. ANDROMEDA agrees to repair or replace at its authorized repair center, without charge, all defective parts in systems which are returned for inspection to said center within the applicable warranty period; provided such inspection discloses that the defects are as specified above, and provided further the equipment has not been altered or repaired other than with authorization from ANDROMEDA and by its approved procedures, not been subjected to misuse, improper maintenance, negligence or accident, damaged by excessive current or otherwise had its serial number or any part thereof altered, defaced or removed. All defective items released hereunder shall become the property of seller. THIS WARRANTY IS IN LIEU OF, AND BUYER WAIVES, ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR PURPOSE. Products not of Andromeda Systems manufacture carry the warranty of the original manufacturer.
7. Out-of-warranty service is provided on a time/material basis.
8. If it becomes necessary to return any item to Andromeda, for any reason, the customer must first obtain a Return Authorization number from Andromeda. This number serves to identify the goods to the receiving department.
9. Customer's acceptance of the products shall occur upon delivery unless ANDROMEDA is notified in writing within 10 (ten) days from receipt of the products by the customer, that the products do not conform to the ANDROMEDA product specifications. ANDROMEDA's sole obligation for such nonconforming products shall be limited to repair or replacement, at its option, pursuant to the provisions of paragraph 6, warranty.