

UNIVAC 90/30

EQUIPMENT PRICES

		Purchase Price	Monthly Maintenance	Rental (1-year lease)*
INTEGRATED PERIPHERAL SUBSYSTEMS (Continued)				
F1828-00	Asynchronous Line Adapter; provides a full-duplex or half-duplex interface to asynchronous data sets conforming to RS-232 and CCITT; compatible with MIL 188C low level interface electrical characteristics	600	6	15
F1828-01	Asynchronous Line Adapter; same as F1828-00 and provides reverse channel of up to 5 baud	760	7	19
F1828-02	Asynchronous Line Adapter; same as F1828-00 and provides reverse channel of up to 150 baud asynchronous; requires 2 ports	920	8	23
F1829-00	Asynchronous Line Adapter; same as F1828-00 except permits exact compliance with the MIL 188C low-level interface; control line polarity is RS-232	600	6	15
F1830-00	Wideband Line Adapter; provides a synchronous full-duplex interface to an AT&T 300 Series data set operating at 40.8K bits per second with 56K bps top speed	920	8	23
F1830-01	Wideband Line Adapter; provides a synchronous full-duplex interface to an AT&T 300 Series data set at 50K bps; includes auto-answering capability	920	8	23
F1831-00	Dial Adapter; provides the interface to both rotary and Touch-Tone auto dialing units; requires a line adapter location for each dialing unit	600	6	15
F1832-00	Asynchronous Relay Line Adapter; provides an asynchronous full-duplex interface optionally compatible with either 20-75 MA neutral or 10-40 MA polar telegraph lines	600	6	15
F1834-00	Wideband Line Adapter; same as F1839-01 except conforms to CCITT-V35	920	8	23
F1835-00	TWX Line Adapter; provides an interface to the USA TWX network	600	6	15
F1836-00	Telex Line Adapter; provides an interface to the USA WU Telex network	600	6	15
F1837-00	Active Line Indicator; provides a display panel to display line activity on up to 12 communication lines; two permitted if F1625-98 is present	336	2	7
MASS STORAGE				
F1621-00	Integrated Disk Adapter (provides interface and control for up to four 8416 and/or 8418 Disk Drives)	10,800	55	250
F1769-01	Corner Transition (allows the disk configuration to make a right-angle turn)	1,215	—	45
2048-00	IDA Expansion (expands capability of IDA to control up to eight 8416 and/or 8418 Disk Drives)	8,160	30	170
8418-92	Disk Storage Drive; 28.9 million bytes	13,392	82	310
8418-94	Disk Storage Drive; 57.9 million bytes	19,872	93	460
F1216-02	Disk Pack	450	—	25
F2198-00	Disk Storage Upgrade (converts 8418-92 to an 8418-94)	6,480	11	150
5024-02**	8414 Control; controls up to eight type 8414 Disk Drives to a maximum capacity of 233,408,000 bytes of removable storage; includes File Scan and Record Overflow (not software-supported)	28,560	127	595
F1343-02**	8411 Capability; permits 8411 Disk Drives to be connected to a 5024-02 Control; a maximum of eight drives (any combination of 8411 and/or 8414 drives) may be connected	2,064	11	43
8414-92**	Disk Storage; consists of two 8414 Disk Drives; each drive provides direct access storage using a removable disk pack, feature F1214-00	42,528	181	886
8414-94**	Disk Storage; same as 8414-92 except consists of four disk drives	79,920	364	1,665
8414-96**	Disk Storage; same as 8414-92 except consists of six disk drives	112,128	546	2,336
8414-98**	Disk Storage; same as 8414-92 except consists of eight disk drives	139,104	726	2,898
8414-85**	Disk Drive; provides single disk drive for configuration expansion	21,312	92	444
F1214-00**	Disk Pack; provides up to 29.17 million bytes of removable storage for 8414 Disk Drive	382	—	22
8411-00**	Disk Drive; provides direct access to a maximum storage of 7.25 million bytes using removable disk pack F1211-00	21,552	110	449
F1211-00**	Disk Pack; provides 7.25 million bytes of removable storage for 8411-00	347	—	17
5039-00	8430 Control; controls up to eight type 8430 Disk Storage Drives with direct access to 800 million 8-bit bytes, via selector channel	57,600	327	1,200
8430-00	Disk Storage; provides a single disk drive using removable disk pack, feature F1230-00	24,960	128	600
F2047-00	16 Drive Expansion; provides the capability to attach up to sixteen 8430 Disk Drives to the 5039 Control	7,680	40	185
F1230-00	Disk Pack; provides up to 100 million bytes of removable storage for type 8430 Disk Drive	750	—	46
INPUT/OUTPUT UNITS				
5045-00	Uniservo 10 Control; consists of control and cabinet space for 2 Uniservo 10 Magnetic Tape Units	12,192	70	254
5045-02	Auxiliary Cabinet; for 1 or 2 additional Uniservo 10 Magnetic Tape Units	1,296	5	27
F1028-92	7-Track NRZI Native Mode; adds 7-track NRZI native mode conversion to F0826-00	3,654	10	82
F1753-99	7-Track NRZI Native Mode; permits 7-track tapes to be added to 5045-00 Control	5,760	18	120
F2143-00	Converts a 5045-00 Control to a 5045-99 Control for attaching Uniservo 14 Magnetic Tape Units	8,976	50	187
0870-00	Uniservo 10 9-Track PE Magnetic Tape Unit	11,376	66	237
0870-01	Uniservo 10 9-Track PE and NRZI Magnetic Tape Unit	12,576	73	262
0870-02	Uniservo 10 7-Track NRZI Magnetic Tape Unit	11,376	66	237
F2193-00	Dual Density; adds 9-track NRZI to Uniservo 10 PE Magnetic Tape Unit	1,200	6	25
F2193-02	Converts Uniservo 10 7-track NRZI Magnetic Tape Unit to 9-track PE Magnetic Tape Unit	—	—	—
5017-99	Uniservo 12 Control; controls up to sixteen 9-track, phase encoded, 1600-bpi, non-simultaneous Uniservo 12 tape units	26,448	124	605

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**Subject to availability.

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INPUT/OUTPUT UNITS (Continued)	Purchase Price	Monthly Maintenance	Rental (1-year lease)*
5017-00 Uniservo 12/16 Control; controls up to sixteen 9-track, phase encoded, 1600-bpi, non-simultaneous Uniservo 12 and/or 16 tape units	28,560	136	655
F0825-00 Dual Channel; permits non-simultaneous operation on two selector channels for one processor or one selector channel on each of two 90/30 Processors	4,416	21	92
F1131-99 Uniservo 16 Capability; permits the use of Uniservo 16 tape units on type 5017-99 Control	2,112	11	44
F1029-99 Simultaneous Operation; provides a second control module for R/R, R/W, W/R, W/W simultaneous operation; simultaneous W/W operation on two Uniservo 12's is available through separate masters; appropriate features must also be added to the Uniservo 12 masters; used only with 5017-99	16,896	73	352
F1029-00 Simultaneous Operation; provides a second control module for simultaneous operation; appropriate features must also be added to the Uniservo 12 masters and Uniservo 16 tape units; used only with 5017-00	18,960	85	395
F0823-99 7-Track NRZI; provides the capability of adding 7-track tape units to type 5017-00 or -99 Control or 5045-00 Control	5,760	21	120
F0826-00 9-Track NRZI; enables read or write operation in 9-track NRZI mode at a density of 800 bpi, in addition to the 9-track phase encoded 1600 bpi; appropriate features must also be added to the Uniservo 12 masters and Uniservo 16 tape units	5,760	21	120
F1028-96 9-Track Addition; adds 9-track NRZI to F0823-99	4,176	13	87
F1028-95 7-Track Addition; adds 7-track NRZI plus data conversion to F0826-00	4,176	13	87
0861-00 Uniservo 12 Master; 9-track phase encoded master tape unit and logic to handle up to three slave tape units (0861-01); transfer rate is 68,320 bytes per second at a recording density of 1600 bpi; reads forward and backward; for non-simultaneous operation	18,336	147	382
0861-01 Uniservo 12 Slave; 9-track phase-encoded, same characteristics as 0861-00	14,688	101	306
0861-04 Uniservo 12 Master; 7-track NRZI master tape unit and logic to handle up to three slave tape units (0861-05); transfer rate 8,540, 23,741, and 34,160 characters per second at recording densities of 200, 556, and 800 bpi; reads forward and backward; for non-simultaneous operation	15,936	147	332
0861-05 Uniservo 12 Slave; 7-track NRZI tape unit; same characteristics as 0861-04	13,056	101	272
F0934-99 Simultaneous Feature; for 9-track phase encoded simultaneous operation; required in each master (0861-00)	4,080	19	85
F0934-01 Simultaneous Feature; required in each master (0861-00) in addition to F0934-99 and F0935-00 to achieve phase encoded and 7 and 9-track NRZI simultaneous operation	4,608	19	96
F0934-98 Simultaneous Operation; required in each master (0861-04) to achieve 7-track NRZI simultaneous operation	4,080	19	85
F0935-00 Dual Density; required in each master (0861-00) to provide the ability to read or write 7/9-track NRZI tapes in addition to phase encoded tapes at 1600 bpi	2,688	13	56
5045-99 Uniservo 14 Control; includes control and cabinet space for 2 Uniservo 14 Magnetic Tape Units	21,168	120	441
5045-02 Auxiliary Cabinet; for 1 or 2 additional Uniservo 14 Magnetic Tape Units	1,296	5	27
F1028-92 Adds 7-track NRZI native mode plus data conversion to F0826-00	3,654	10	82
F1753-99 Provides capability to add 7-track tape units to 5045-99 control	5,760	18	120
0870-03 Uniservo 14 9-track PE Magnetic Tape Unit	14,880	87	310
0870-05 Uniservo 14 7-track NRZI Magnetic Tape Unit	14,880	87	310
F2194-00 Dual Density; adds 9-track NRZI to Uniservo 14 PE Magnetic Tape Unit; requires F0826-00 in control	1,200	6	25
F2194-02 Converts 0870-05 7-track NRZI Magnetic Tape Unit to 9-track PE	—	—	—**
F2194-03 Converts 0870-05 7-track NRZI Magnetic Tape Unit into 9-track PE and NRZI	1,200	6	25
0862-00 Uniservo 16; 9-track phase encoded tape unit; transfer rate 192,000 bytes per second at a recording density of 1600 bpi; reads forward and backward	22,032	139	505
0862-02 Uniservo 16; 7-track NRZI tape unit; transfer rate 24,000, 66,700, and 96,000 characters per second at recording densities of 200, 556, and 800 bpi; reads forward and backward	22,032	139	505
F0936-99 Simultaneous Feature; provides for simultaneous operation when added to 0862-00 or -02; a second control unit or equivalent is required	914	NC	21
F0937-00 Dual Density; provides 0862-00 with the ability to read or write 9-track NRZI tape at 800 bpi in addition to phase encoded at 1600 bpi	2,284	NC	51
5034-00 Uniservo 20 Control; controls up to sixteen 9-track, phase encoded, 1600-bpi, nonsimultaneous Uniservo 20's or a mixture of up to 16 Uniservo 20's, Uniservo 16's, and Uniservo 12's, provided at least one Uniservo 20 is present	36,720	120	840
F0823-98 9-Track Capability; provides the capability of adding 7-track NRZI Uniservo 16 and Uniservo 12 tape units to type 5034 Control; includes data conversion; F0826-99 may not be present	5,544	20	113
F0826-99 9-Track NRZI; enables read or write operations in 9-track NRZI mode at a density of 800 bpi, in addition to the 9-track, phase encoded, 1600 bpi on Uniservo 16 and Uniservo 12 tape units with appropriate added features; F0823-98 may not be present	6,552	27	133
F1028-98 9-Track Addition; adds 9-track NRZI capability to F0823-99	5,544	20	113
F1028-97 7-Track Addition; adds 7-track capability and data conversion to F0826-99	4,536	12	92
0864-00 Uniservo 20; 9-track phase encoded tape unit; transfer rate 320,000 bytes per second at a recording density of 1600 bpi; reads forward and backward	27,696	166	635
F1510-00 Dual Access; provides for dual access and simultaneous R/R, R/W, W/R, W/W operation when added to two or more Uniservo 20's; requires two 5034-00 Control Units	2,448	12	51

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EQUIPMENT PRICES

		Purchase Price	Monthly Maintenance	Rental (1-year lease)*
INPUT/OUTPUT UNITS (Continued)				
0604-99	Card Punch and Control; 80-column, 250 cpm row punch	26,640	170	555
F0875-00	Read/Punch; permits prepunch reading of 80-column cards	7,152	68	149
0716-91	Card Reader and Control; 80- or 96-column, 600 cpm reader	18,187	113	421
0716-93	Card Reader and Control; 80- or 96-column, 1000 cpm reader	21,168	161	490
0716-99	Card Reader and Control; 80-column, 1000 cpm reader	15,504	121	323
F1487-00	Short Card, 51-Column; for 9716	1,968	13	41
F1487-01	Short Card, 66-Column, for 0716	1,968	13	41
F1488-00	Validity Check	816	NC	17
F1498-00	Alternate Stacker Fill	528	NC	11
F1530-99	Dual Translate; adds ASCII translator to translate mode	1,104	5	23
2703-00	Optical Document Reader	47,664	251	993
F1108-00	600-dpm Speed Upgrade, for 6-inch documents	12,000	43	250
F1163-00	Modulus 10 Check Digit	1,104	5	23
F1106-00	Mark Read—EBCDIC	9,204	50	188
F1106-01	Mark Read—ASCII	9,204	50	188
F1149-00	Punch Card Read; requires F1106-00 or -01	3,024	12	63
F1154-00	Validity Check; requires F1106-00 or -01	528	NC	11
0768-00	Printer and Control; prints 49 contiguous characters at 1100 lpm and 63 characters at 900 lpm; 132 print positions	50,928	471	1,061
0768-99	Printer and Control; prints 43 contiguous characters at 1600 lpm and 63 characters at 1200 lpm; 132 print positions	63,216	582	1,317
F1071-00	1600/1200 LPM Rate; converts type 0768-00 to a type 0768-99	12,240	112	255
F1820-00	Stacking/Acoustical Aid; provides additional sound suppression to type 0768-00/-99 Printers; also provides power-driven assistance to form stacking	528	NC	11
0768-02	Printer and Control; prints 97 contiguous characters at 1000 lpm, 94 characters at 840, lpm and 2000 lpm for a duplicated 14-character set (10 numerics plus 4 specials)	58,320	529	1,215
F1522-00	Print Code Expansion; provides for conversion of the 0768-02 to provide for a 103-character set	252	NC	5
0770-00	Printer and Control; prints 48-characters at 800 lpm; 132 print positions, 50 ips	56,304	268	1,173
0770-02	Printer and Control; same as 0770-00 except 1400 lpm and 75 ips	64,896	351	1,352
0770-04	Printer and Control; same as 0770-00 except 2000 lpm and 100 ips	86,688	447	2,220
F1533-00	160 Print Position; expands 132 print positions to 160	4,416	19	92
F1534-00	Expanded Character Set Control; provides control for print cartridges with other than 48-character sets	2,880	5	60
F1536-00	Print Cartridge; 43-character alphanumeric business set	462	NC	22
F1536-01	Print Cartridge; 48-character alphanumeric scientific set	462	NC	22
F1537-00	Print Cartridge; 94-character ASCII set; requires F1534-00	462	NC	22
F1537-03	Print Cartridge; 68-character OCR-B; requires F1534-00	462	NC	22
F1537-04	Print Cartridge; OCR H-14 universal; requires F1534-00	462	NC	22
F1537-05	Print Cartridge; 58-character set for COBOL, FORTRAN, and business; requires F1534-00	462	NC	22
F1537-06	Print Cartridge; 177-character international set; requires F1534-00	462	NC	22
F1537-09	Print Cartridge; 24-character numeric and special symbols for high-speed numeric printer; requires F1534-00	462	NC	22
F1537-11	Print Cartridge; universal OCR-A character set; requires F1534-00	462	NC	22
F1537-12	Print Cartridge; universal OCR-B (ECMA 11); requires F1534-00	462	NC	22
F1537-13	Print Cartridge; universal 77L	462	NC	22
0776-00	Printer and Control; prints 48-characters at 760 lpm; 136 print positions; 22 ips	40,800	200	850
0776-02	Printer and Control; prints 48-characters at 940 lpm; 136 print positions, 22 ips	46,080	240	960
F2245-00	Expanded Character Set Control; provides control for print bands with other than 48-character sets for 0776 printers	2,160	5	45
F2217-00	Field conversion; converts 0776-00 printer to 0776-02 printer	5,280	40	110
F2216-XX	Print band for 0776 printers	1,440	—	30
0920-02	Paper Tape Control	9,408	38	196
F1033-02	Paper Tape Reader	1,968	21	41
F1032-02	Paper Tape Punch	6,864	30	143
F1034-00	Reader Spooler	1,968	5	43
F1035-00	Punch Take-Up Spooler	816	5	17

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APPLICATION PACKAGES

	<u>Monthly License Fee</u>
UNIS:	
Master Data Processing	75
Inventory Management Module	75
Planning—Infinite	75
Planning—Finite	100
Work Order Processing	25
NEWSCOMP:	
LINCO	100
Editor	100
Classified Ads	100
PROFITS:	
Time Deposits	420
Loans	165
ACCOUNTING CONTROL SYSTEM:	
Accounts Payable	25
Accounts Receivable	25
General Ledger	25
Payroll	30
BASIC EDIT MONITOR (BEM)	75
BEGINNERS ALL PURPOSE SYMBOLIC INSTRUCTION CODE (BASIC)	60
TEXT EDITOR (EDT)	50