

digital

# LARGE SYSTEMS PRICE INSERT

January 1980

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COMPANY CONFIDENTIAL

## **LARGE SYSTEMS PRICE INSERT**

**JANUARY 1980**

### **PRICE**

All prices listed are F.O.B. DIGITAL's plant in Massachusetts and apply in the continental United States only. Prices do not include shipping or transit insurance.

### **DISCOUNTS**

S = Discountable under Large Systems Group Discount Agreement

N = Not discountable

### **MULTI-USE LICENSE**

A "multi-use" pricing policy applies to end users who have two or more systems located at the same physical site. The software may be run on the second, and additional systems for 10% of the listed license price for each additional system. A dual CPU system counts as a single system. The multi-use discount applies to each separate product. For example, FORTRAN-10 and FORTRAN-20 are considered separate products.

### **DECSERVICE MAINTENANCE**

This column lists the Field Service 12 hour/5 day monthly maintenance charge for a DECservice Agreement. Please refer to page 73 for additional information on Field Service Charges.

### **FIELD SERVICE INSTALLATION**

Field Service installation costs are included in the Initial Support Package bundled with the Basic System Packages.

Installation costs are not included in system add-on hardware prices listed in the Price Insert. Please add them to your order.

### **PAGE**

Refers to the corresponding page in this Product Summary.

### **NOTE:**

(\*) contact DIGITAL for prices.

| <b>Option No.</b><br><b>Description</b>      | <b>Price</b> | <b>EU Disc<br/>Type</b> | <b>DSMC<br/>Prerequisites</b> | <b>Add-on<br/>Instl</b> | <b>Page</b> |
|--|--------------|-------------------------|-------------------------------|-------------------------|-------------|
| 1090-PA(PB)<br>256K SYSPKG,RP06,TOPS-10 60HZ | 581,600      | S                       | 2,381                         | N/A                     | 9           |
| 1090-VA(VB)<br>1090 UPGRADE PKG RP06 60HZ    | 456,450      | S                       | N/A                           | N/A                     | 13          |
| 1090S-UA(UB)<br>1090A TO 1090 SMP U/G 60HZ   | 400,000      | S                       | 932                           | 3,325                   | 9           |
| 1090S-UC(UD)<br>1090B TO 1090 SMP U/G 60HZ   | 400,000      | S                       | 932                           | 2,125                   | 9           |
| 1091-PA(PB)<br>256K SYS PKG,RP06,TOPS10 60HZ | 476,700      | S                       | 2,377                         | N/A                     | 21          |
| 1091-SA(SB)<br>1091 SYS. PKG. WITH MOS 60HZ  | 440,700      | S                       | 2,377                         | N/A                     | 21          |
| 2020-JA(JB)<br>256K SPLPKG,2RM03,T-20,60HZ   | 168,500      | S                       | 1,070 8 hr.                   | N/A                     | 35          |
| 2020-JC(JD)<br>256K SPLPKG,2RM03,T-10,60HZ   | 168,500      | S                       | 1,070 8 hr.                   | N/A                     | 35          |
| 2020-KA(KB)<br>256K SPLPKG,2RP06,T-20,60HZ   | 198,500      | S                       | 1,132 8 hr.                   | N/A                     | 35          |
| 2020-KC(KD)<br>256K SPLPKG,2RP06,T-10,60HZ   | 198,500      | S                       | 1,132 8 hr.                   | N/A                     | 35          |
| 2020-PA(PB)<br>256K SYS PKG,RM03,TOPS20 60HZ | 129,800      | S                       | 826 8 hr.                     | N/A                     | 35          |
| 2020-PC(PD)<br>256K SYS PKG,RM03,TOPS10 60HZ | 129,800      | S                       | 826 8 hr.                     | N/A                     | 35          |
| 2020-SA(SB)<br>256K SYS PKG,RP06,TOPS20,60HZ | 144,800      | S                       | 826 8 hr.                     | N/A                     | 35          |
| 2020-SC(SD)<br>256K SYS PKG,RP06-TOPS10 60HZ | 144,800      | S                       | 826 8 hr.                     | N/A                     | 35          |
| 2040-SA(SB)<br>256KMOS SYSPKG,RP06,T-20,60HZ | 324,600      | S                       | 2,173                         | N/A                     | 45          |
| 2060-PA(PB)<br>256KMOS SYSPKG,RP06+T-20,60HZ | 399,100      | S                       | 2,377                         | N/A                     | 59          |
| 2060-UA<br>2040-2060 UG W/MC20,T20+          | 100,000      | S                       | N/A                           | 1,380                   | 49,63       |
| 2060-UB<br>2040-2060 UG W/MC20,T20+,KLPV     | 100,000      | S                       | N/A                           | 2,070                   | 49,63       |
| 2060-UC<br>2050-2060 UG W/T20+               | 10,000       | S                       | N/A                           | 460                     | 49,63       |
| 2060-UD<br>2050-2060 UG W/T20+,KLPV          | 10,000       | S                       | N/A                           | 2,070                   | 49,63       |

| Option No.<br>Description                   | Price | EU Disc<br>Type | DSMC<br>Prerequisites | Add-on<br>Instl | Page |
|---|-------|-----------------|-----------------------|-----------------|------|
| 70-11426-A0<br>OPT 100FT LPT CABLE FOR 2020 | 1,500 | N               | N/A                   | N/A             | 76   |
| BC05D-10<br>RS232MALE TO RS232 FEM(10')     | 94    | A               | N/C                   | N/C             | 74   |
| BC05D-25<br>RS232 MALE TO RS232 FEM 25'     | 105   | A               | N/C                   | N/C             | 74   |
| BC10W-25<br>COMMUNICATOR CABLE,25FT.        | 750   | S               | N/A                   | N/A             | 76   |
| BC10W-50<br>COMMUNICATOR CABLE,50FT.        | 1,070 | S               | N/A                   | N/A             | 76   |
| BC10W-75<br>COMMUNICATOR CABLE,75FT.        | 1,400 | S               | N/A                   | N/A             | 76   |
| BC10W-AO<br>COMMUNICATOR CABLE,100FT.       | 1,720 | S               | N/A                   | N/A             | 76   |
| BC10X-25<br>EMERGENCY POWER CABLE,25FT.     | 157   | S               | N/A                   | N/A             | 76   |
| BC10X-50<br>EMERGENCY POWER CABLE,50FT.     | 178   | S               | N/A                   | N/A             | 76   |
| BC10X-75<br>EMERGENCY POWER CABLE,75FT.     | 195   | S               | N/A                   | N/A             | 76   |
| BC10X-AO<br>EMERGENCY POWER CABLE,100FT.    | 213   | S               | N/A                   | N/A             | 76   |
| BC10Y-25<br>BUS OR TAG CABLE,25FT.          | 345   | S               | N/A                   | N/A             | 76   |
| BC10Y-50<br>BUS OR TAG CABLE,50FT.          | 440   | S               | N/A                   | N/A             | 76   |
| BC10Y-75<br>BUS OR TAG CABLE,75FT.          | 540   | S               | N/A                   | N/A             | 76   |
| BC10Y-AO<br>BUS OR TAG CABLE,100FT.         | 637   | S               | N/A                   | N/A             | 76   |
| BC11S-25<br>H856 TO H856 18 TW PR 25'       | 115   | A               | N/A                   | N/A             | 74   |
| BC03M-25<br>25' NULL MODEM EXT CABLE        | 60    | Y               | N/C                   | N/A             | 74   |
| BC03M-A0<br>100' NULL MODEM EXT CABLE       | 120   | Y               | N/C                   | N/A             | 74   |
| BC03M-B5<br>250' NULL MODEM EXT CABLE       | 180   | Y               | N/C                   | N/A             | 74   |
| BC03M-E0<br>500' NULL MODEM EXT CABLE       | 300   | Y               | N/C                   | N/A             | 74   |
| BC03M-L0<br>1000' NULL MODEM EXT CABLE      | 600   | Y               | N/C                   | N/A             | 74   |

| Option No.<br>Description                    | Price  | EU Disc<br>Type | DSMC<br>Prerequisites    | Add-on<br>Instl | Page            |
|--|--------|-----------------|--------------------------|-----------------|-----------------|
| CD20-AA(AB)<br>285 CPM READER 60HZ           | 6,170  | S               | 115<br>DNHXX-A           | 322             | 24,37,48,62     |
| CD20-CA(CB)<br>1200CPM CRD RDR + CTRL 60HZ   | 21,800 | S               | 198                      | 391             | 24,37,48,62     |
| CR10-FA(FB)<br>CARD RDR & CTRL 60HZ,300CPM   | 9,680  | S               | 113                      | 690             | 12              |
| CR10-HA(HB)<br>1200CPM CARD RDR + CTRL 60HZ  | 24,500 | S               | 187                      | 748             | 12              |
| DC20-AA<br>8-LINE BASIC ASYNCH GROUP         | 5,280  | S               | 91                       | 541             | 24,48,62        |
| DC20-CC<br>CABLES + DIST CAB FOR DC20-AA     | 2,200  | S               | N/C                      | N/C             | 48,62           |
| DC20-CD<br>CABLES + DIST CAB FOR DC20        | 2,200  | S               | N/C                      | N/C             | 24              |
| DC20-DA<br>8-LINE ASYNCH EXPANSION GP        | 1,580  | S               | 78                       | 201             | 24,48,62        |
| DC20-EA(EB)<br>COMM EXPANSION CAB 60HZ       | 11,000 | S               | 202                      | 374             | 24              |
| DC20-EC(ED)<br>COMM EXPANSION CAB 60HZ       | 11,000 | S               | 156                      | 374             | 48,62           |
| DF01-A<br>ACOUSTIC TELEPHONE COUPLER         | 760    | N               | 14                       | 132             | 85              |
| DF01-A                                       | *      | *               | 77                       | 552             | 77              |
| DIB20<br>I/O BUS INTERFACE                   | 5,500  | N               | 49                       | 362             | 24,48,62        |
| DN20-BA<br>SYNC LINE CTRL PLUS DN20-BB       | 3,580  | S               | 35                       | 190             | 12,25, 37,49,62 |
| DN20-BB<br>SYNC LINE SPEEDS 2.4KB-19.2KB     | 1,380  | S               | 14<br>DN20-BA OR DN20-DA | 173             | 12,25,37,49,62  |
| DN20-CA(CB)<br>DEC20 UNIVERSAL FRT END 60HZ  | 28,200 | S               | 189                      | 431             | 48,62           |
| DN20-CC(CD)<br>DEC 10 UNIVERSAL FRT END 60HZ | 28,200 | S               | 189                      | 431             | 12,25           |
| DN20-DA(DB)<br>EXPNSN DRAWER + DN20-BA 60HZ  | 9,980  | S               | 35                       | 247             | 12,25,49,62     |
| DN20-MA(MB)<br>DEC20 128 KW FRTEND 60 HZ     | 32,000 | S               | 189                      | 375             | 48,62           |
| DN20-MU<br>DN20-C TO A DN20-M UPG            | 8,400  | S               | N/A                      | 425             | 48,62           |
| DN200-AA(AB)<br>REMOTE STATION KERNAL 60HZ   | 21,300 | S               | 120                      | N/A             | 13,25,49,63     |

| <b>Option No.</b><br><b>Description</b>     | <b>Price</b> | <b>EU Disc<br/>Type</b> | <b>DSMC<br/>Prerequisites</b> | <b>Add-on<br/>Instl</b> | <b>Page</b> |
|---|--------------|-------------------------|-------------------------------|-------------------------|-------------|
| DN21-BA<br>SYNC LINE SPEEDS 19.2-56KB       | 3,050        | S                       | 35                            | 190                     | 12,25,49,62 |
| DN21-DA(DB)<br>EXPNSN DRAWER + DN21-BA 60HZ | 9,980        | S                       | 35                            | 247                     | 12,25,49,62 |
| DN22-AA(AB)<br>IBM FRONT END FOR 2020 120V  | 12,500       | S                       | 156                           | 475                     | 37          |
| DN25-AA<br>8 ASYNCH LINE MUX & CONTRL       | 4,510        | S                       | 45                            | 190                     | 12,25       |
| DN25-AB<br>DIST PANEL + DN25BA              | 2,310        | S                       | 31                            | 138                     | 12,25       |
| DN25-BA<br>8 ASYNC LINE INTERFACES          | 1,710        | S                       | 31                            | 138                     | 12,25       |
| DN25-DA(DB)<br>EXPNSN DRAWER + DN25-AA 60HZ | 10,980       | S                       | 50                            | 247                     | 12,25       |
| DN25-EC(ED)<br>EXPANSION CAB + DN25-DA 60HZ | 13,800       | S                       | 74                            | 431                     | 13,25       |
| DN81-EA(EB)<br>ASYNC LN CAB W DN81-EC 120V  | 10,340       | S                       | 72                            | 360                     | 78          |
| DN81-EC(ED)<br>ASYNC 16-LINE GROUP 120V     | 6,820        | S                       | 66                            | 298                     | 78          |
| DN81-EE(EF)<br>SYNC LINE CAB W DN81-H       | 10,040       | S                       | 37                            | 250                     | 78          |
| DN81-FA<br>ASYNC 20MA 8-LINE GROUP          | 950          | S                       | 20                            | 178                     | 78          |
| DN81-FB<br>ASYNC 8-LINE LOCAL EIA GROUP     | 2,220        | S                       | 20                            | 201                     | 78          |
| DN81-FC<br>ASYNC 8-LINE EIA MODEM GROUP     | 2,240        | S                       | 32                            | 247                     | 78          |
| DN81-FD<br>ASYNC 8-LINE AUTO ANSWR GROUP    | 5,600        | S                       | 110                           | 667                     | 78          |
| DN81-FF<br>AUTO DIAL 801 AUTO CALL UNIT     | 1,380        | N                       | 19                            | 380                     | 78          |
| DN81-FG<br>DN81-FF EXPANDER ZADDL ACU       | 860          | N                       | 13                            | 253                     | 78          |
| DN81-H<br>SYNC LINE CONTR EIA INTERFACE     | 3,570        | S                       | 31                            | 250                     | 78          |
| DN81-J<br>SYNC LINE CONTR 303-TYPE INT      | 5,450        | S                       | 32                            | 261                     | 78          |
| DN83-A<br>NU11 MODEM                        | 500          | S                       | 2                             | 115                     | 78          |
| DN87-BA(BB)<br>ASYNC/SYNC COMM FE 120V      | 58,000       | S                       | 323                           | 1,438                   | 78          |

| Option No.<br>Description                     | Price  | EU Disc<br>Type | DSMC<br>Prerequisites | Add-on<br>Instl | Page        |
|---|--------|-----------------|-----------------------|-----------------|-------------|
| DN87-CA(CB)<br>DN87-AA W/O DL10-A 120V        | 30,500 | S               | 240                   | 834             | 78          |
| DN87-U<br>DC76 TO A DN87 UPGRADE              | 10,500 | S               | N/C                   | 288             | 78          |
| DN87-UM<br>UPGRADE FOR DN87A TOB & DTOC       | 6,200  | S               | N/C                   | 247             | 78          |
| DN87S-AA(AB)<br>ASYNC/SYNC COMM FE 120V       | 33,000 | S               | 269                   | 863             | 78          |
| DN87S-U<br>UPGRADE FOR DN87B ORC TO 87S       | 5,800  | S               | N/C                   | 288             | 78          |
| DN92-CA(CB)<br>300CPM CARD READER 60HZ        | 6,170  | N               | 79                    | 362             | 79          |
| DN92-E<br>ASYNC 4 LINE MULTIPLEXOR            | 1,500  | S               | 23                    | 224             | 79          |
| DN92-PA(PD)<br>180 CHAR/SEC 96CHAR PRTR 60HZ  | 3,240  | S               | 65                    | 144             | 79          |
| DN92-VA(VD)<br>300LPM LINE PRTR 64CHAR 60HZ   | 11,800 | S               | 165                   | 339             | 79          |
| DN92-WA(WD)<br>220LPM LINE PRTR 96CHAR 60HZ   | 14,050 | S               | 165                   | 339             | 79          |
| DNCXX-AA(AB)<br>285 CPM CARD READER 60HZ      | 6,170  | S               | 115                   | 322             | 13,25,49,63 |
| DNHXX-AA(AB)<br>EXPANSION CABINET             | 7,500  | S               | N/C                   | N/A             | 37          |
| DNLXX-BA(BB)<br>300 LPM 64 CHR EDP PRNTR 60HZ | 11,800 | S               | 165                   | 299             | 13,25,49,63 |
| DNLXX-CA(CB)<br>230 LPM 64 CHR EDP PRNTR 60HZ | 14,050 | S               | 165                   | 299             | 13,25,49,63 |
| DNSXX-AA<br>SYNCHRONOUS LINE UNIT             | 2,370  | S               | 24                    | 201             | 13,25,49,63 |
| DT03-DT<br>1XZ I/O BUS SWITCH NO CAB          | 9,980  | N               | 52                    | 339             | 77          |
| DT05-DT<br>1XZ MEMORY BUS SWITCH NO CAB       | 10,500 | N               | 58                    | 339             | 77          |
| DZ11-AA<br>8 LINE ASYNCH MUX FOR 2020         | 2,310  | S               | 32                    | 224             | 37          |
| DZ11-BA<br>8 LINE EXPANDER FOR 2020           | 1,800  | S               | 27                    | 178             | 37          |
| H312-A<br>NU11 MODEM FOR USE W DN81-FC        | 140    | A               | 2                     | 115             | 78          |
| H322<br>SIGNAL PANEL                          | 185    | Y               | N/C                   | 115             | 78          |

| Option No.<br>Description                    | Price   | EU Disc<br>Type | DSMC<br>Prerequisites | Add-on<br>Instl | Page        |
|--|---------|-----------------|-----------------------|-----------------|-------------|
| H956   | *       | *               | *                     | *               | 77          |
| KL10-DA(DB)<br>EXTENDED ADDRESS CPU,120/60HZ | 395,000 | S               | 928                   | 2,300           | 9           |
| KL10-PM<br>1080 TP 1090 UPGRADE 120V60HZ     | 42,000  | S               | N/C                   | 690             | 13          |
| KL10-PV<br>KL10E TO KL10D UPGRADE,KLPV       | 50,000  | S               | N/C                   | 1,380           | 13          |
| LA120-BA<br>LA120 120/60 EIA NUM PAD         | 2,600   | T               | 32                    | 125             | 85          |
| LA12X-AL<br>20 MA INTERFACE FOR LA120        | 120     | T               | N/A                   | 110             | 85          |
| LA180-EA(ED)<br>DECPRINTER 120V 60HZ EIA INT | 3,770   | Y               | 71                    | 125             | 86          |
| LA180-PA(PD)<br>180 CPS PAR I/O 120V 60HZ    | 3,240   | Y               | 65                    | 125             | 86          |
| LA36-CE(CJ)<br>KEYBOARD DECWTR 120/60 20MA   | 2,500   | T               | 24                    | 125             | 85          |
| LA36-HE(HF)<br>KEYBOARD DECWTR 120/60 EIA    | 2,600   | T               | 24                    | 125             | 85          |
| LA37-CE(CJ)<br>LA36 APL TERM 20MA 120V60HZ   | 3,350   | T               | 28                    | 140             | 85          |
| LA37-PE(PJ)<br>LA36 APL TERRM EIA 120V60HZ   | 3,450   | T               | 28                    | 140             | 85          |
| LA38-GA<br>DECWRITER IV,TRACT, TABLE,UPS     | 1,600   | T               | 20                    | 125             | 85          |
| LA38-HA<br>DECWRITER IV,TRACT,STAND,UPS      | 1,700   | T               | 20                    | 140             | 85          |
| LAX34-CL<br>20MA INTERFACE FOR LA34/LA38     | 120     | T               | 3                     | 11              | 85          |
| LAXX-LG<br>EIA W/MOD CONT/LA35,36            | 110     | N               | N/C                   | 110             | 85          |
| LP07-YA<br>CHARBAND FOR LP07 64/64 EDP       | 4,000   | N               | N/A                   | N/A             | 11,24,47,61 |
| LP07-YB<br>CHARBAND FOR LP07 96/96 EDP       | 4,000   | N               | N/A                   | N/A             | 11,24,47,61 |
| LP07-YC<br>CHARBAND FOR LP07 64/96 EDP       | 4,000   | N               | N/A                   | N/A             | 11,24,47,61 |
| LP07-YD<br>CHARBAND FOR LP07 KATA KANA       | 4,000   | N               | N/A                   | N/A             | 11,24,48,61 |
| LP07-YF<br>CHARBAND FOR LP07 OCR-A 64/96     | 4,000   | N               | N/A                   | N/A             | 11,24,48,61 |
| LP07-YH<br>SCI CHARBND,96CH 2 SETS FONTS     | 4,000   | N               | N/C                   | 144             | 11,24,48,61 |



| Option No.<br>Description                     | Price  | EU Disc<br>Type | DSMC<br>Prerequisites | Add-on<br>Instl | Page        |
|---|--------|-----------------|-----------------------|-----------------|-------------|
| LP07-YJ<br>96 CH SCI AND EDP CHARBAND         | 4,000  | N               | N/C                   | 144             | 11,24,48,61 |
| LP07-YK<br>CHARBAND FOR LP07 SWED/FINN        | 4,000  | N               | N/A                   | N/A             | 11,24,48,61 |
| LP07-YL<br>BRITISH CHARABAND 64/96            | 4,000  | N               | N/A                   | N/A             | 11,24,48,61 |
| LP07-YM<br>OPEN GOTHIC CHARABAND 64/64        | 4,000  | N               | N/A                   | N/A             | 11,24,48,61 |
| LP100-BA(BB)<br>1200 LPM CHARABAND PRNTR 60HZ | 59,000 | S               | 499                   | 473             | 11          |
| LP100-DA(DB)<br>300 LPM 64CHAR EDP DRUM 60HZ  | 24,150 | N               | 390                   | 643             | 11          |
| LP100-DC(DD)<br>300 LPM 64CHAR SCI DRUM 60HZ  | 24,150 | N               | 390                   | 643             | 11          |
| LP100-EA(EB)<br>240 LPM 96CHAR EDP DRUM 60HZ  | 26,250 | N               | 390                   | 643             | 11          |
| LP100-EC(ED)<br>240 LPM 96 CH SCI DRUM 60HZ   | 26,250 | N               | 390                   | 643             | 11          |
| LP100-FA(FB)<br>890 LPM 64CHAR EDP DRUM 60HZ  | 41,425 | N               | 341                   | 643             | 11          |
| LP100-FC(FD)<br>890 LPM 64CHAR SCI DRUM 60HZ  | 41,425 | N               | 341                   | 643             | 11          |
| LP100-HA(HB)<br>650 LPM 96CHAR EDP DRUM 60HZ  | 42,475 | N               | 341                   | 643             | 11          |
| LP100-HC(HD)<br>650 LPM 96CHAR SCI DRUM 60HZ  | 42,475 | N               | 341                   | 643             | 11          |
| LP20-AA(AB)<br>300LPM 64CHAR EDP PRNTR 60HZ   | 16,500 | N               | 279                   | 391             | 23,36,47,61 |
| LP20-AC(AD)<br>300LPM 64CHAR SCI PRNTR 60HZ   | 16,500 | N               | 279                   | 391             | 23,36,47,61 |
| LP20-BA(BB)<br>230LPM 96CHAR EDP PRNTR 60HZ   | 17,500 | N               | 279                   | 391             | 23,36,47,61 |
| LP20-BC(BD)<br>230LPM 96CHAR SCI PRNTR 60HZ   | 17,500 | N               | 279                   | 391             | 23,36,47,61 |
| LP20-CA(CB)<br>890 LPM DRUM 64 CHAR 120/60HZ  | 34,125 | S               | 321                   | 651             | 23,36,47,61 |
| LP20-CC(CD)<br>900LPM,64CHAR SCI DRUM 60HZ    | 34,125 | N               | 321                   | 651             | 23,36,47,61 |
| LP20-DA(DB)<br>650 LPM DRUM 96 CHAR 120/60HZ  | 35,385 | S               | 321                   | 651             | 23,36,47,61 |
| LP20-DC(DD)<br>600LPM,96CHAR SCI DRUM 60HZ    | 35,385 | N               | 321                   | 651             | 23,36,47,61 |
| LP200-BA(BB)<br>1200 LPM CHARABAND PRNTR 60HZ | 51,000 | S               | 499                   | 473             | 23,47,61    |

| Option No.<br>Description                    | Price   | EU Disc<br>Type | DSMC<br>Prerequisites | Add-on<br>Instl | Page     |
|--|---------|-----------------|-----------------------|-----------------|----------|
| M9301-WA<br>1090/91 SMP BOOT FOR DN87S       | 2,000   | S               | 3                     | 155             | 9        |
| M9301-WB<br>1090/91 SMP BOOT FOR DN20-C      | 2,000   | S               | 3                     | 155             | 9        |
| MA20R-E                                      | *       | *               | *                     | *               | 77       |
| MB20-E<br>64K EXPANSION MODULE               | 27,000  | S               | 130                   | 352             | 21,45    |
| MB20-GC(GD)<br>64K MEMORY EXPANSION 60HZ     | 27,000  | S               | 169                   | 352             | 21,45    |
| MB20R-E                                      | *       | *               | *                     | *               | 77       |
| MC10   | *       | *               | 7                     | 259             | 77       |
| MC10-E                                       | *       | *               | 7                     | 259             | 77       |
| MC10-F<br>MEMORY PROCESSOR ACCESS MF10       | 1,100   | S               | 9                     | 259             | 77       |
| MC10-G<br>2 MEM PORTS FOR MG10               | 2,200   | S               | 18                    | 374             | 77       |
| MF20-E<br>256K EXPANSION                     | 65,000  | S               | 221                   | 541             | 21,45,59 |
| MF20-LA(LB)<br>256K INTERNAL BASIC MEM 60HZ  | 65,000  | S               | 559                   | 2,875           | 21,45,59 |
| MF20-LC(LD)<br>256K INTERNAL SECOND MEM 60HZ | 65,000  | S               | 364                   | 2,070           | 21,45,59 |
| MF20-LK(LL)<br>256K EXT. 2ND MEM. 60HZ       | 65,000  | S               | 364                   | 1,800           | 21,45,59 |
| MF20-LM(LN)<br>256K EXT. BASIC MEM,BLUE,60HZ | 65,000  | S               | 559                   | 2,500           | 21,45,59 |
| MH10-E<br>64K WORDS MEMORY                   | 31,510  | S               | 130                   | N/A             | 10       |
| MH10-HA(HB)<br>128K 1.2USEC W/8 PORTS 60HZ   | 60,000  | S               | 574                   | 1,610           | 10       |
| MH10-LA(LB)<br>256K 1.2USEC W/8 PORTS 60HZ   | 100,000 | S               | 834                   | 1,610           | 10       |
| MS10-BA<br>64K MOS MEMORY EXPANSION          | 8,000   | S               | 65                    | 265             | 36       |
| PC10-CL(CM)<br>PAPER TAPE READER/PUNCH 60HZ  | 15,560  | N               | 140                   | 357             | 12       |
| PC20-BL(BM)<br>PAPER TAPE READER/PUNCH 60HZ  | 14,500  | N               | 140                   | 357             | 24       |
| PC20-CL(CM)<br>PAPER TAPE READER/PUNCH 60HZ  | 14,500  | N               | 140                   | 357             | 48,62    |

| Option No.<br>Description                      | Price   | EU Disc<br>Type | DSMC<br>Prerequisites | Add-on<br>Instl | Page           |
|--|---------|-----------------|-----------------------|-----------------|----------------|
| RH20<br>INTERNAL CHANNEL                       | 10,500  | S               | 32                    | 224             | 10,22,46,60    |
| RM03-AA(AD)<br>SINGLE ACCESS RM03 120V/60HZ    | 19,000  | Y               | 182                   | 569             | 36             |
| RP06-AA(AB)<br>RP06 60HZ SINGLE ACCESS         | 34,000  | Y               | 247                   | 753             | 10,22,36,46,60 |
| RP06-BA(BB)<br>PR06 60HZ DUAL ACCESS           | 39,140  | Y               | 273                   | 1,035           | 10,22,46,60    |
| RP06-C<br>RP06 DUAL ACCESS KIT                 | 5,150   | Y               | 26                    | 1,035           | 10,22,46,60    |
| TAU45-EC(ED)<br>MAGNETIC TAPE SYS (TM03) 60HZ  | 29,500  | N               | 344                   | 742             | 36             |
| TAU77-EC(ED)<br>2020 TAPE SYS 800/1600 240/60  | 28,000  | Y               | 338                   | 857             | 36             |
| TU45A-EC(ED)<br>TU45 MASTER DRIVE (TM03) 60HZ  | 26,400  | N               | 305                   | 431             | 36,46,60       |
| TU45A-EH(EJ)<br>9TR TU45 SLAVE (TM03) 60HZ     | 14,700  | N               | 227                   | 362             | 46,60          |
| TU45C-EC(ED)<br>75IPS 9TR TU45 H9502 1 i0V60HZ | 26,400  | N               | 305                   | 431             | 10,22          |
| TU45C-EH(EJ)<br>9TR TU45 SLAVE H950Z 120V60HZ  | 14,700  | N               | 227                   | 362             | 10,22          |
| TU70-AC(AD)<br>9TR TU45 SLAVE H950Z 120V60HZ   | *       | *               | 147                   | 339             | 77             |
| TU72-CA(CB)<br>MAG TAPE SYS 9TR 6250BPI 60HZ   | 110,000 | N               | 689                   | 1,202           | 77             |
| TU72-EA(EB)<br>TAPE DR 9TR 125IPS BLUE 60HZ    | 33,000  | N               | 195                   | 345             | 77             |
| TU72-EC(ED)<br>TAPE DR 9TR 125IPS NL 60HZ      | 33,000  | N               | 195                   | 345             | 10,23,47,60    |
| TU77-AF(AJ)<br>9 TRACK SLAVE 800/1600 240/60   | 19,500  | Y               | 227                   | 460             | 10,22,36,46,60 |
| TU77-CB(CD)<br>18 BIT MASTER 800/1600 240/60   | 28,000  | Y               | 305                   | 529             | 10,22,46,60    |
| TX02-EC(ED)<br>MAG TAPE SUBSYS-TU70 HI-B60HZ   | 90,500  | N               | 588                   | 891             | 10             |
| TX02-EE(EF)<br>TAPE CONTROL W/CHNL-DEC2060HZ   | 90,500  | N               | 588                   | 891             | 47,60          |
| TX02-EH(EJ)<br>MAG TAPE SUBSYS-TU70 CC-B60HZ   | 90,500  | N               | 588                   | 891             | 23             |
| TX03-A<br>TWO CHANNEL SWITCH FOR TX01          | 6,000   | S               | 13                    | 472             | 77             |
| TX03-B<br>TWO CHANNEL SWITCH FOR TX02          | 6,000   | S               | 13                    | 472             | 77             |

| Option No.<br>Description                     | Price  | EU Disc<br>Type | DSMC<br>Prerequisites | Add-on<br>Instl | Page        |
|---|--------|-----------------|-----------------------|-----------------|-------------|
| TX03-EC(ED)<br>TWO CHNL SWITCH OPTION         | 51,000 | N               | 244                   | 1,443           | 10          |
| TX03-EE(EF)<br>TWO CHNL SWITCH OPTION         | 51,000 | N               | 244                   | 1,443           | 47,60       |
| TX03-EH(EJ)<br>TWO CHNL SWITCH OPTION         | 51,000 | N               | 244                   | 1,443           | 23          |
| TX03-FB<br>TWO CHNL SWITCH OPTION             | 12,000 | N               | 26                    | 1,794           | 10,23       |
| TX05-A<br>2X16 TAPE SWITCH FOR TX01           | 6,000  | S               | 13                    | 472             | 77          |
| TX05-B<br>2X16 TAPE SWITCH FOR TX02           | 12,000 | S               | 13                    | 472             | 77          |
| TX05-EC(ED)<br>TWO CNTL SW OPTION + 2ND CNTL  | 69,500 | N               | 370                   | 1,317           | 10,23,47,60 |
| TX05-FB<br>TWO CONTROLLER SWITCH OPTION       | 24,000 | N               | 26                    | 2,001           | 10,23,47,60 |
| VT100-AA(AB)<br>DKBD CRT EIA UNIV PS 120VPLUG | 1,900  | T               | 22                    | 125             | 86          |
| VT1XX-AA<br>20MA CURRENT LOOP W/BC05F-15      | 120    | T               | 3                     | 110             | 86          |
| VT61-AA(AB)<br>128CH 24X80 CRT 120V/60HZ20MA  | 4,030  | T               | 42                    | 167             | 86          |
| VT61-AC(AD)                                   | *      | *               | 33                    | 167             | 86          |
| VT62-AA(AB)<br>DDCMP FORMS BLKMD 20MA 120/60  | 3,150  | T               | 65                    | 182             | 86          |
| VT62-AC(AD)<br>DDCMP FORMS BLKMD EIA 120/60   | 3,150  | T               | 65                    | 182             | 86          |

| Option No.<br>Description          | License<br>Fee (\$) | Page | Option No.<br>Description          | License<br>Fee (\$) | Page |
|------------------------------------|---------------------|------|------------------------------------|---------------------|------|
| QH020-5F<br>MCS-10 BPUS EXT MT7    | 5,500               | 91   | QH020-XF<br>MCS-10 V2 MT7          | 55,000              | 91   |
| QH020-5M<br>MCS-10 BPUS EXT MT9    | 5,500               | 91   | QH020-XM<br>MCS-10 V2 MT9,1600     | 55,000              | 91   |
| QH020-5P<br>MCS-10 BPUS EXT MT9800 | 5,500               | 91   | QH020-XP<br>MCS-10 V2 MT9,800      | 55,000              | 91   |
| QH020-UF<br>MCS-10 V2 MT7          | 56,000              | 91   | QH020-ZF<br>MCS-10 BPUS EXT MT7    | 6,300               | 91   |
| QH020-UM<br>MCS-10 V2 MT9,1600     | 56,000              | 91   | QH020-ZM<br>MCS-10 BPUS EXT MT9    | 6,300               | 91   |
| QH020-UP<br>MCS-10 V2 MT9,800      | 56,000              | 91   | QH020-ZP<br>MCS-10 BPUS EXT MT9800 | 6,300               | 91   |

| Option No.<br>Description                 | License<br>Fee (\$) | Page | Option No.<br>Description               | License<br>Fee (\$) | Page |
|---|---------------------|------|---|---------------------|------|
| QH045-5F<br>IQL-10 BPUS EXT MT7           | 1,200               | 91   | QH061-UM<br>2780/3780 E/T, V3 MT9, 1600 | 8,500               | 91   |
| QH045-5M<br>IQL-10 BPUS EXT MT9           | 1,200               | 91   | QH061-UP<br>2780/3780 E/T V3 MT9,800    | 8,500               | 91   |
| QH045-5P<br>IQL-10 BPUS EXT MT800         | 1,200               | 91   | QH061-XF<br>2780/3780 E/T, V3 MT7       | 7,500               | 91   |
| QH045-AF<br>IQL-10 EXT V2 MT7             | 17,000              | 91   | QH061-XM<br>2780/3780 E/T, V3 MT9, 1600 | 7,500               | 91   |
| QH045-AM<br>IQL-10 EXT V2 MT9, 1600       | 17,000              | 91   | QH061-XP<br>2780/3780 E/T, V3 MT9, 800  | 7,500               | 91   |
| QH045-AP<br>IQL-10 EXT V2 MT9, 800        | 17,000              | 91   | QH067-UF<br>2780/3780 E/T, V3 MT7       | 8,500               | 91   |
| QH045-EF<br>IQL-10 EXT SOURCES, MT7       | 17,000              | 91   | QH067-UM<br>2780/3780 E/T, V3 MT9, 1600 | 8,500               | 91   |
| QH045-EM<br>IQL-10 EXT SOURCES, MT9, 1600 | 17,000              | 91   | QH067-UP<br>2780/3780 E/T, V3 MT9, 800  | 8,500               | 91   |
| QH045-EP<br>IQL-10 EXT SOURCES, MT9, 800  | 17,000              | 91   | QH067-XF<br>2780/3780 E/T, V3 MT7       | 7,500               | 91   |
| QH060-5F<br>CPL-10 BPUS EXT MT7           | 650                 | 91   | QH067-XM<br>2780/3780 E/T, V3 MT9, 1600 | 7,500               | 91   |
| QH060-5M<br>CPL-10 BPUS EXT MT9           | 650                 | 91   | QH067-XP<br>2780/3780 E/T, V3 MT9, 800  | 7,500               | 91   |
| QH060-5P<br>CPL-10 BPUS EXT M9800         | 650                 | 91   | QH071-3F<br>APL-SF-10 BPUS EXT MT7      | 1,500               | 91   |
| QH060-AF<br>CPL-10 VERSION 1 MT7          | 6,000               | 91   | QH071-3M<br>APL-SF-10 BPUS EXT MT9      | 1,500               | 91   |
| QH060-AM<br>CPL-10 V1 MT9, 1600           | 6,000               | 91   | QH071-3P<br>APL-SF-10 BPUS EXT MT9800   | 1,500               | 91   |
| QH060-AP<br>CPL-10 VERSION 1 MT9          | 6,000               | 91   | QH071-5F<br>APL-SF-10 BPUS EXT MT7      | 1,500               | 91   |
| QH060-Ex                                  | *                   | 93   | QH071-5M<br>APL-SF-10 BPUS EXT MT9      | 1,500               | 91   |
| QH060-UM<br>CPL-10 V1 MT9, 1600           | 7,000               | 91   | QH071-5P<br>APL-SF-10 BPUS EXT MT9800   | 1,500               | 91   |
| QH060-UP<br>CPL-10 VERSION 1 MT9          | 7,000               | 91   | QH071-AF<br>APL10-SF V1 MT7             | 20,000              | 91   |
| QH061-5F<br>27/3780 E/T BPUS EXT MT7      | 1,500               | 91   | QH071-AM<br>APL10-SF V1 MT9, 1600       | 20,000              | 91   |
| QH061-5M<br>27/3780 E/T BPUS EXT MT9      | 1,500               | 91   | QH071-AP<br>APL10-SF V1 MT9, 800        | 20,000              | 91   |
| QH061-5P<br>27/37/80 E/T BPUS EXT M9800   | 1,500               | 91   | QH071-Ex                                | *                   | 93   |
| QH061-UF<br>2780/3780 E/T, V3 MT7         | 8,500               | 91   | QH071-UF<br>APL10-SF V1 MT7             | 21,000              | 91   |

| Option No. | Description                    | License Fee (\$) | Page | Option No. | Description                   | License Fee (\$) | Page |
|------------|--------------------------------|------------------|------|------------|-------------------------------|------------------|------|
| QH071-UM   | APL10-SE V1 MT9,1600           | 21,000           | 91   | QH076-AP   | APL10SF UPG FR APL,E,FMT9,800 | 3,000            | 92   |
| QH071-UP   | APL10-SF V1 MT9,800            | 21,000           | 91   | QH090-UF   | SITGO-10 FOR KA, KI, MT7      | 3,640            | 92   |
| QH071-ZF   | APL10-SF MAINT. SV. MT7        | 2,300            | 91   | QH090-UM   | SITGO-10 FOR KA,KI,MT9,1600   | 3,640            | 92   |
| QH071-ZM   | APL-SF-10 BPUS EXT             | 2,300            | 91   | QH090-UP   | SITGO-10 FOR KA, KI, MT9,800  | 3,640            | 92   |
| QH071-ZP   | APL-SF-10 BPUS EXT MT9800      | 2,300            | 91   | QH090-YF   | SITGO-10 FOR KA,KI,MT7        | 2,640            | 92   |
| QH072-5F   | APL-BSC-10 BPUS EXT MT7        | 900              | 91   | QH090-YM   | SITGO-10 -uFOR KA,KI,MT9,1600 | 2,640            | 92   |
| QH072-5M   | APL-BSC-10 BPUS EXT MT9        | 900              | 91   | QH090-YP   | SITGO-10 KA,KI,MT9,800        | 2,640            | 92   |
| QH072-5P   | APL-BSC-10 BPUS EXT MT9800     | 900              | 91   | QH091-CD   | SITBOL VERSION4,9TRACK TAPE   | 2,640            | 92   |
| QH072-AF   | APL10-BSC V1 MT7               | 10,000           | 91   | QH091-CF   | SITBOL VERSION4,7 TRACK TAPE  | 2,640            | 92   |
| QH072-AM   | APL10-BSC V1 MT9,1600          | 10,000           | 91   | QH093-UF   | SITGO-FOR KL,V1 MT7           | 3,640            | 92   |
| QH072-AP   | APL10-BSC V1 MT9,800           | 10,000           | 91   | QH093-UM   | SITGO-FOR KL,V1 MT9 1600      | 3,640            | 92   |
| QH072-UF   | APL10-BSC V1 MT7               | 11,000           | 91   | QH093-UP   | SITGO-FOR KL,V1 MT9 800       | 3,640            | 92   |
| QH072-UM   | APL10-BSA V1 MT9,1600          | 11,000           | 91   | QH093-YF   | SITGO-FOR KL,V1 MT7           | 2,640            | 92   |
| QH072-UP   | APL10-BSC V1 MT9,800           | 11,000           | 91   | QH093-YM   | SITGO-FOR KL,V1 MT9,1600      | 2,640            | 92   |
| QH072-ZF   | APL-BSC-10 BPUS EXT MT7        | 1,700            | 91   | QH093-YP   | SITGO-FOR KL,V1 MT9,800       | 2,640            | 92   |
| QH072-ZM   | APL-BSC-10 BPUS EXT MT9        | 1,700            | 91   | QH099-UF   | COBOL 68/74 V12 W/S/M MT7     | 14,000           | 91   |
| QH072-ZP   | APL-BSC-10 BPUS EXT MT9800     | 1,700            | 91   | QH099-UM   | COBOL 68/74 V12 W/S/M MT1600  | 14,000           | 91   |
| QH074-AF   | APL10-SF UPG FR B,BSC MT7      | 15,000           | 92   | QH099-UP   | COBOL 68/74 V12 W/S/M MT800   | 14,000           | 91   |
| QH074-AM   | APL10-SF UPG FR B,BSCMT9,1600  | 15,000           | 92   | QH099-XF   | COBOL 68/74 V12 W/S MT7       | 13,000           | 91   |
| QH074-AP   | APL10-SF UPG FR B,BSC MT9,800  | 15,000           | 92   | QH099-XM   | COBOL 68/74 V12 W/S/M MT1600  | 13,000           | 91   |
| QH076-AF   | APL10-SF UPG FR APL-E,F MT7    | 3,000            | 92   | QH099-XP   | COBOL 68/74 V12 W/S/M/MT800 1 | 13,000           | 91   |
| QH076-AM   | APL10SF UPG FR APL,E,FMT9,1600 | 3,000            | 92   | QH101-5F   | DBMS-10 BPUS EXT MT7          | 2,750            | 91   |

| Option No. | Description                  | License Fee (\$) | Page | Option No. | Description                 | License Fee (\$) | Page |
|------------|------------------------------|------------------|------|------------|-----------------------------|------------------|------|
| QH101-5M   | DBMS-10 BPUS EXT MT9         | 2,750            | 91   | QH300-ZM   | SORT/MERGE-10 MAINT SV,MT9  | 850              | 91   |
| QH101-5P   | DBMS-10 BPUS EXT MT9800      | 2,750            | 91   | QH300-ZP   | SORT/MERGE-10 MAINT SV,MT9  | 850              | 91   |
| QH101-AF   | DBMS-10 V5 MT7               | 30,000           | 91   | QH301-YM   | TOPS-10 CUST SUPT CUSPS MT9 | 2,000            | 92   |
| QH101-AM   | DBMS-10 V5 MT9,1600          | 30,000           | 91   | QH302-XF   | TOPS10 SMP SUPPORT FOR 1090 | 5,000            | 9,91 |
| QH101-AP   | DBMS-10 V5 MT9,800           | 30,000           | 91   | QH302-XM   | TOPS10 SMP SUPPORT FOR 1090 | 5,000            | 9,91 |
| QH101-Ex   | *                            |                  | 93   | QH302-XP   | TOPS10 SMP SUPPORT FOR 1090 | 5,000            | 9,91 |
| QH101-UF   | DBMS-10 V5 MT7               | 31,000           | 91   | QH500-UF   | FORTRAN-10,V5 MT7           | 11,000           | 91   |
| QH101-UM   | DBMS-10 V5 MT9,1600          | 31,000           | 91   | QH500-UM   | FORTRAN-10 V5 MT9,1600      | 11,000           | 91   |
| QH101-UP   | DBMS-10 V5 MT9,800           | 31,000           | 91   | QH500-UP   | FORTRAN-10,V5 MT9,800       | 11,000           | 91   |
| QH101-ZF   | DBMS-10 BPUS EXT MT7         | 3,550            | 91   | QH500-XF   | FORTRAN-10,V5 MT7           | 10,000           | 91   |
| QH101-ZM   | DBMS-10 BPUS EXT MT9         | 3,550            | 91   | QH500-XM   | FORTRAN-10 V5 MT9,1600      | 10,000           | 91   |
| QH101-ZP   | DBMS-10 BPUS EXT MT9800      | 3,550            | 91   | QH500-XP   | FORTRAN-10,V5 MT9,800       | 10,000           | 91   |
| QH300-5F   | SORT/MERGE-10 BPUS EXT MT7   | 350              | 91   | QH502-5F   | ALGOL-10 BPUS MT7           | 750              | 91   |
| QH300-5M   | SORT/MERGE-10 BPUS EXT MT9   | 350              | 91   | QH502-5M   | ALGOL-10 BPUS MT9           | 750              | 91   |
| QH300-5P   | SORT/MERGE-10 BPUS EXT M9800 | 350              | 91   | QH502-5P   | ALGOL-10 BPUS M9800         | 750              | 91   |
| QH300-UF   | SORT/MERGE-10,V4 MT7         | 4,000            | 91   | QH502-UF   | ALGOL-10 V10 MT7            | 11,000           | 91   |
| QH300-UM   | SORT/MERGE-10,V4 MT9,1600    | 4,000            | 91   | QH502-UM   | ALGOL-10 V10 MT9,1600       | 11,000           | 91   |
| QH300-UP   | SORT/MERGE-10,V4 MT9,800     | 4,000            | 91   | QH502-UP   | ALGOL-10 V10 MT9,800        | 11,000           | 91   |
| QH300-XF   | SORT/MERGE-10,V4 MT7         | 3,000            | 91   | QH502-XF   | ALGOL-10 V10,MT7            | 10,000           | 91   |
| QH300-XM   | SORT/MERGE-10,V4 MT9,1600    | 3,000            | 91   | QH502-XM   | ALGOL-10 V10 MT9,1600       | 10,000           | 91   |
| QH300-XP   | SORT/MERGE-10,V4 MT9,800     | 3,000            | 91   | QH502-XP   | ALGOL-10 V10 MT9,800        | 10,000           | 91   |
| QH300-ZF   | SORT/MERGE-10 MAINT SV,MT7   | 850              | 91   | QH503-5F   | BSC-10 BPUS MT7             | 900              | 91   |

| Option No. | Description                   | License Fee (\$) | Page | Option No. | Description                   | License Fee (\$) | Page |
|------------|-------------------------------|------------------|------|------------|-------------------------------|------------------|------|
| QH503-5M   | BSC-10 BPUS MT9               | 900              | 91   | QH681-5F   | DECNET-10 BPUS MT7            | 2,500            | 91   |
| QH503-5P   | BSC-10 BPUS MT9800            | 900              | 91   | QH681-5M   | DECNET-10 BPUS MT9 1600       | 2,500            | 91   |
| QH503-UF   | BASIC-10 V17 SRC,SVC MT7      | 7,000            | 91   | QH681-5P   | DECNET-10 BPUS EXT M9800      | 2,500            | 91   |
| QH503-UM   | BASIC-10 V17 SRC SVC MT9,1600 | 7,000            | 91   | QH681-UF   | DECNET-10 V6.03 M7            | 16,000           | 91   |
| QH503-UP   | BASIC-10 V17 SRC SVC MT9,800  | 7,000            | 91   | QH681-UM   | DECNET-10 V2.0 MT9 1600       | 16,000           | 91   |
| QH503-XF   | BASIC-10 V17SRC,SVC MT7       | 6,000            | 91   | QH681-UP   | DECNET-10 V2.0 MT9 800        | 16,000           | 91   |
| QH503-XM   | BASIC-10 V17 SRC,SVC MT9 1600 | 6,000            | 91   | QH681-XF   | DECNET-10 TSK-TO-TSK MT7 800  | 15,000           | 91   |
| QH503-XP   | BASIC-10 V17 SRC SVC MT9,800  | 6,000            | 91   | QH681-XM   | DECNET-10 TSK-TO-TSK MT9 1600 | 15,000           | 91   |
| QH509-UF   | COBOL68/SRT MRGE UPG SRT MT9  | 11,000           | 92   | QH681-XP   | DECNET-10 TSK-TO-TSK MT9 800  | 15,000           | 91   |
| QH509-UM   | COBOL68/SRT MRGE UPG SRT MT9  | 11,000           | 92   | QH682-UF   | DECNET-10 V7.00 M7            | 16,000           | 91   |
| QH509-UP   | COBOL68/SRT MRGE UPG SRT MT9  | 11,000           | 92   | QH682-UM   | DECNET-10 V7.00 M9-1600       | 16,000           | 91   |
| QH509-XF   | COBOL68/SRT MRGE UPG SRT MT7  | 10,000           | 92   | QH682-UP   | DECNET-10 V7.00 M9            | 16,000           | 91   |
| QH509-XM   | COBOL68/SRT MRGE UPG SRT MT9  | 10,000           | 92   | QH682-XF   | DECNET-10 TSK-TO-TSK MT7 800  | 15,000           | 91   |
| QH509-XP   | COBOL68/SRT MRGE UPG SRT MT9  | 10,000           | 92   | QH682-XM   | DECNET-10 TSK-TO-TSK MT9 1600 | 15,000           | 91   |
| QH511-UF   | COBOL74+S/M UPG FR 68+SM MT7  | *                | 92   | QH682-XP   | DECNET-10 TSK-TO-TSK MT9 800  | 15,000           | 91   |
| QH511-UM   | COBOL74+S/M UPG FR 68+SM MT9  | *                | 92   | QH850-NM   | KL10 MICRO SRC UPD T10        | 500              | 93   |
| QH511-UP   | COBOL74+S/M UPG FR 68+SM MT9  | *                | 92   | QH850-NP   | KL10 MICRO SRC UPD T10        | 500              | 93   |
| QH511-XF   | COBOL74+S/M UPG FR 68+S/M MT7 | *                | 92   | QH850-YD   | DEC10/20 MAINT PRD KL10A/BMT9 | 44,000           | 93   |
| QH511-XM   | COBOL74+S/M UPG FR 68+S/M MT9 | *                | 92   | QH850-YM   | KL10 MICRO SRC T10 V2N/S1600  | 44,000           | 93   |
| QH511-XP   | COBOL74+S/M UPG FR 68+S/M MT9 | *                | 92   | QH850-YP   | KL10 MICRO SRC T10 V2N/S 800  | 44,000           | 93   |
| QH666-EK   | TOPS10 FRONT END SOURCES RP04 | 20,000           | 93   | QHCAP-BD   | CAAP-10 SOFTWARE SYS I        | 1,100            | 92   |
| QH666-EL   | TOPS10 FRONT END SOURCES RP06 | 20,000           | 93   | QHCAP-UD   | CAAP-10 SOFTWARE SYS I        | 2,100            | 92   |



| Option No. | Description                | License Fee (\$) | Page | Option No. | Description                 | License Fee (\$) | Page |
|------------|----------------------------|------------------|------|------------|-----------------------------|------------------|------|
| QHK12-KR   | TOPS10 ADD'L DISPATCH SUB  | 440              | 92   | QT009-3M   | CPL-20 BPUS EXT MT9         | 650              | 91   |
| QHK12-1Z   | TOPS10 ADD'L DISPATCH SUB  | 440              | 92   | QT009-AM   | CPL-20 VER1 MT9,1600        | 6,000            | 91   |
| QHK14-3Z   | TOPS10 NOTEBOOK UPD+SUB    | 550              | 92   | QT009-EM   | *                           | *                | 93   |
| QT001-3M   | FORTRAN-20 BPUS EXT MT9    | 950              | 91   | QT009-UM   | CPL-20 VER1 MT9,1600        | 7,000            | 91   |
| QT001-AM   | FORTRAN-20 V5 MT9,1600     | 10,000           | 91   | QT009-ZM   | CPL-20 BPUS EXT MT9         | 1,450            | 91   |
| QT001-UM   | FORTRAN-20 V5 MT9,1600     | 11,000           | 91   | QT012-3M   | APL-SF-20 BPUS EXT MT9      | 1,500            | 91   |
| QT001-ZM   | FORTRAN-20 BPUS EXT MT9    | 1,750            | 91   | QT012-AM   | APL20-SF VERI MT9,1600      | 20,000           | 91   |
| QT002-3M   | ALGOL-20 BPUS EXT MT9      | 750              | 91   | QT012-EM   | *                           | *                | 93   |
| QT002-AM   | ALGOL-20 V1 MT9,1600       | 10,000           | 91   | QT012-UM   | APL20-SF VERI MT9,1600      | 21,000           | 91   |
| QT002-UM   | ALGOL-20 V1 MT9,1600       | 11,000           | 91   | QT012-ZM   | APL-SF-20 BPUS EXT MT9      | 2,300            | 91   |
| QT002-ZM   | ALGOL-20 BPUS EXT MT9      | 1,550            | 91   | QT014-3M   | APL-BSC-20 BPUS EXT MT9     | 900              | 91   |
| QT004-CM   | BASIC-20,V17 MT9,1600      | 6,000            | 92   | QT014-AM   | APL20-BSC V1 MT9,1600       | 10,000           | 91   |
| QT004-UM   | BASIC-20,V17 MT9,1600      | 7,000            | 92   | QT014-UM   | APL20-BSC V1 MT9,1600       | 11,000           | 91   |
| QT007-3M   | SORT/MERGE-20 BPUS EXT MT9 | 350              | 91   | QT014-ZM   | APL-BSC-20 BPUS EXT MT9     | 1,700            | 91   |
| QT007-AM   | SORT/MERGE-20 V4 MT9,1600  | 3,000            | 91   | QT016-3M   | IQL-20 BPUS EXT MT9         | 1,200            | 91   |
| QT007-UM   | SORT/MERGE-20 V14 MT9,1600 | 4,000            | 91   | QT016-AM   | IQL-20 EXT VER2 MT9,1600    | 17,000           | 91   |
| QT007-ZM   | SORT/MERGE-20 BPUS EXT MT9 | 1,150            | 91   | QT016-EM   | IQL-20 EXT SOURCE,MT9       | 17,000           | 91   |
| QT008-3M   | DBMS-20 BPUS EXT MT9       | 2,750            | 91   | QT016-UM   | IQL-20,EXTENDED,MT9,1600    | 18,000           | 91   |
| QT008-AM   | DBMS-20 MT9,1600           | 30,000           | 91   | QT016-ZM   | IQL-20 EXT MAINT SV,MT91600 | 1,700            | 91   |
| QT008-EM   |                            | *                | 93   | QT018-3Z   | TOPS20 NOTEBOOK UPD+SUB     | 550              | 92   |
| QT008-UM   | DBMS-20 MT9,1600           | 31,000           | 91   | QT018-KZ   | TOPS20 NOTEBOOK SET+SUB     | 975              | 92   |
| QT008-ZM   | DBMS-20 BPUS EXT MT9       | 3,250            | 91   | QT021-1Z   | TOPS20 ADD'L DISPATCH SUB   | 440              | 92   |

| Option No.<br>Description                 | License<br>Fee (\$) | Page | Option No.<br>Description                 | License<br>Fee (\$) | Page |
|---|---------------------|------|---|---------------------|------|
| QT024-AM<br>COBOL68/SRT MRGE UPG SRT MT9  | 10,000              | 92   | QT038-4M<br>TOPS-20 EXEC SRCS UPDATE SVC  | 1,000               | 93   |
| QT024-UM<br>COBOL68/SRT MRGE UPG SRT MT9  | 11,000              | 92   | QT038-EM<br>TOPS20 EXEC SOURCES MT9 1600  | 7,000               | 93   |
| QT025-AM<br>APL20-SF UPG FRBSC MT9 1600   | 15,000              | 92   | QT038-UM<br>TOPS-20 EXEC SRCS MT9,1600    | 8,000               | 93   |
| QT025-UM<br>APL20-SF UG FRBSC MT9 1600    | 16,000              | 92   | QT038-ZM<br>4 TOPS-20 EXEC SRCS MAIN MT9  | 1,500               | 93   |
| QT027-3M<br>BSC+2-20 BPUS EXT MT9         | 1,100               | 91   | QT040-4K<br>TOP20 COMB SRC PKG SPUS RP04  | 4,000               | 93   |
| QT027-AM<br>BASIC +2/20 V1 MT9,1600       | 10,000              | 91   | QT040-4L<br>TOP20 COMB SRC PKG SPUS RP06  | 4,000               | 93   |
| QT027-EM                                  | *                   | 93   | QT040-EK<br>TOPS20 SOURCE PKG MT9 RP04    | 40,000              | 93   |
| QT027-UM<br>BASIC +2/20 V1 MT9,1600       | 11,000              | 91   | QT040-EL<br>TOPS20 SOURCE PKG MT9 RP06    | 40,000              | 93   |
| QT027-ZM<br>BSC+2-20 BPUS EXT MT9         | 1,900               | 91   | QT042-3M<br>27-3780 E/T MT9               | 1,500               | 91   |
| QT028-AM<br>BASIC+2/20 UPG FR BASIC MT9   | 4,500               | 92   | QT042-UM<br>2780/3780 SW FOR 2040/50/60   | 8,500               | 91   |
| QT028-UM<br>BASIC+2/20 UPG FR BASIC MT9   | 5,500               | 92   | QT042-XM<br>2780/3780 SW FOR 2040/50/60   | 7,500               | 91   |
| QT029-4K<br>TOPS20 FRNT END SRC SPUS RP04 | 2,500               | 93   | QT042-ZM<br>27-3780/TOPS-20 BPUS EXT MT9  | 2,000               | 91   |
| QT029-4L<br>TOP20 FRNT END SRC SPUS RP06  | 2,500               | 93   | QT044-AM<br>COBOL-74+S/M UPG COBOL 68+SM  |                     | 92   |
| QT029-EK<br>TOPS20 FRONT END SOURCES RP04 | 20,000              | 93   | QT044-UM<br>COBOL-74+S/M UPG COBOL 68+SM  |                     | 92   |
| QT029-EL<br>TOPS20 FRONT END SOURCES RP06 | 20,000              | 93   | QT045-AM<br>RPGTRAN-20 V1 MT9 1600        | 8,000               | 93   |
| QT030-4M<br>TOPS20 MON SRC SPUS MT9       | 3,000               | 93   | QT0465-YM<br>RPGTRAN-20 V1 MT9 1600       | *                   | 93   |
| QT030-EM<br>TOPS20 MONITOR SRC MT9 1600   | 25,000              | 93   | QT052-Xm<br>RPGTRAN-20 V1 MT9 1600        | *                   | 91   |
| QT030-UM<br>TOPS20 MONITOR SRC MT9 1600   | 26,000              | 93   | QT062-Am<br>RPGTRAN-20 V1 MT9 1600        | *                   | 91   |
| QT037-3M<br>TRAFFIC-20 BPUS EXT MT9       | 1,000               | 91   | QT099-3M<br>COBOL 74-68W/SRT BPUS EXT MT9 | 1,300               | 91   |
| QT037-AM<br>TRAFFIC-20 MT,1600            | 6,000               | 91   | QT099-AM<br>COBOL74-68 W/SORT MRGE MT9    | 13,000              | 91   |
| QT037-UM<br>TRAFFIC-20 MT,1600            | 7,000               | 91   | QT099-UM<br>COBOL74-68 W/SORT MRGE MT9    | 14,000              | 91   |
| QT037-ZM<br>TRAFFIC-20 BPUS EXT MT9       | 1,500               | 91   | QT099-ZM<br>COBOL 74-68 W/SRT BPUS EXT    | 1,800               | 91   |

| Option No.<br>Description                 | License<br>Fee (\$) | Page | Option No.<br>Description               | License<br>Fee (\$) | Page |
|---|---------------------|------|---|---------------------|------|
| QTD01-3M<br>DECNET-20 BPUS EXT MT9        | 1,000               | 91   | ZH007-CM<br>DEC10/20 MAINT PROD KL10D   | 44,000              | 93   |
| QTD01-AM<br>DECNET20/2040/50/60/V1 MT9    | 5,000               | 91   | ZH007-CP<br>DEC10/20 MAINT PROD KL10D   | 44,000              | 93   |
| QTD01-UM<br>DECNET-20 FOR 2040,2050,2060  | 6,000               | 91   | ZH008-CM<br>DEC10/20 MAINT PROD KL10E   | 44,000              | 93   |
| QTD01-ZM<br>DECNET20 FOR 2040/50/60 MT9   | 1,500               | 91   | ZH008-CP<br>DEC10/20 MAINT PROD KL10E   | 44,000              | 93   |
| QTD20-3M<br>D'NET2020/TOPS20 BPUS EXT MT9 | 1,000               | 91   | ZH009-CM<br>DEC10/20 MAINT PROD KL10A/B | 44,000              | 93   |
| QTD20-AM<br>DECNET20/2020/V1 SV MT9       | 5,000               | 91   | ZH009-CP<br>DEC10/20 MAINT PROD KL10A/B | 44,000              | 93   |
| QTD20-UM<br>DECNET-20 FOR THE 2020        | 6,000               | 91   | ZH010-CM<br>10/20 MAINT PRD ZH005-9 UPG | 500                 | 93   |
| QTD20-ZM<br>DECNET20 FOR 2020 MAIN SV MT9 | 1,500               | 91   | ZH010-CP<br>10/20 MAINT PRD ZH005-9 UPG | 500                 | 93   |
| ZH006-CM<br>DEC10/20 MAINT PROD KL10C     | 44,000              | 93   | ZT001-YM<br>2020 DIAGNOSTICS,MT9,1600   | 22,000              | 93   |
| ZH006-CP<br>DEC10/20 MAINT PROD KL10C     | 44,000              | 93   |   |                     |      |

### QUANTITY DISCOUNTS

#### MB20-xx

| Quantity | Total  |
|----------|--------|
| 1        | 27,000 |
| 2        | 54,000 |
| 3        | 63,000 |
| 4        | 72,000 |

#### MF20-xx

| Quantity  | Unit   | Total   |
|-----------|--------|---------|
| 1         | 65,000 | 65,000  |
| 2         | 56,875 | 13,750  |
| 3         | 54,167 | 162,501 |
| 4         | 48,750 | 195,000 |
| 5         | 44,000 | 220,000 |
| 6 or more | 40,000 | --      |

#### MS10-BA

| Quantity | Unit  | Total  |
|----------|-------|--------|
| 1        | 8,000 | 8,000  |
| 2        | 7,500 | 15,000 |
| 3        | 7,167 | 21,501 |
| 4        | 6,875 | 27,500 |

#### MH10L\*

| Quantity | Total   |
|----------|---------|
| 1        | 100,000 |
| 2        | 160,000 |
| 3        | 220,000 |
| 4        | 280,000 |

\*MH10-L equals one MH10-H and two MH10-E's.

NOTE: Pricing of memory modules are not to be discounted under the Quantity Discount Agreement, but may be included in aggregate levels. Discounts apply to a single purchase order only. Delivery of all units on an order must be within twelve months ARO.

**TRADE-IN ALLOWANCES**

**CPU Package Allowances**

|                        |        |
|------------------------|--------|
| KA10 to 1090-V Package | 50,000 |
| KI10 to 1090-V Package | 50,000 |

**DECSYSTEM-2040/2050/2060**

|                                  |        |
|----------------------------------|--------|
| Each 32K word MA20; MA20A, MA20E | 5,000  |
| Each 64K word MB20; MB20A, MB20E | 10,000 |

**Peripheral Allowances**

|        |        |
|--------|--------|
| DF10-A | 5,000  |
| DF10-C | 6,000  |
| DL10   | 5,800  |
| RH10   | 10,000 |

These allowances may be applied only towards purchase of like DECsystem-10 based equipment on a one-for-one basis (i.e., channel for channel, one disk for one disk, etc.).

**DECSYSTEM-2020 TRADE-IN ALLOWANCES**

|   |        |
|---|--------|
| 2020 Central Processor, First 256K words, Memory, Communications Lines, Magnetic Tape Interface, Disk Interfaces, and Console | 44,000 |
| Exchange RM03 for RP06  | 9,000  |
| 64K words Add-on Memory   | 4,000  |
| 128K words Add-on Memory  | 7,500  |
| 256K words Add-on Memory  | 13,750 |

**QUANTITY DISCOUNTS**

**DC20-xx Communications Hardware Prices for 1091**

| No. of Asynch. Lines | Purchase Price | 5-Day DECservice Maintenance Price per Month 12 Hour |
|----------------------|----------------|--|
| 16*                  | N/C            | N/C  |
| 24                   | 5,280          | 92   |
| 32                   | 6,860          | 170  |
| 40                   | 20,060         | 373  |
| 48                   | 21,640         | 451  |
| 56                   | 26,920         | 543  |
| 64                   | 28,500         | 621  |
| 72                   | 33,780         | 713  |
| 80                   | 35,360         | 791  |
| 88                   | 40,640         | 883  |
| 96                   | 42,220         | 961  |
| 104                  | 53,220         | 1,164  |
| 112                  | 54,800         | 1,242  |
| 120                  | 60,080         | 1,334  |
| 128                  | 61,660         | 1,412  |

\*Included in 1091 basic package.

**DC20-xx Communications Hardware Prices for 2040 and 2060**

| <b>No. of<br/>Asynch.<br/>Lines</b> | <b>Purchase<br/>Price</b> | <b>5-Day<br/>DECservice<br/>Maintenance<br/>Price per Month<br/>12 Hour</b> |
|-------------------------------------|---------------------------|---|
| 16*                                 | N/C                       | N/C   |
| 24                                  | 5,280                     | 92  |
| 32                                  | 6,860                     | 170   |
| 40                                  | 20,060                    | 326   |
| 48                                  | 21,640                    | 404   |
| 56                                  | 26,920                    | 496   |
| 64                                  | 28,500                    | 574   |
| 72                                  | 33,780                    | 666   |
| 80                                  | 35,360                    | 744   |
| 88                                  | 40,640                    | 836   |
| 96                                  | 42,200                    | 914   |
| 104                                 | 53,220                    | 1,070   |
| 112                                 | 54,800                    | 1,148   |
| 120                                 | 60,080                    | 1,240   |
| 128                                 | 61,660                    | 1,318   |

\*Included in 2040 or 2060 basic package.

**TERMINALS VOLUME QDA FOR ADD-ON ORDERS**

The following list of terminals apply to the Quantity Discount Agreement:

|          |          |
|----------|----------|
| LA36     | LA37     |
| VT61     | LA38     |
| VT62     | LA120    |
| VT100    | LAX34-CL |
| BC05X    | LA12X-AL |
| BC03M    | VT1XX-AA |
| BC05D-25 | LAXX-LG  |
| BN50A-7F | BN25A-7F |

| <b>No. of<br/>Terminals</b> | <b>% Discounts*<br/>off List</b> |
|-----------------------------|----------------------------------|
| 1-19                        | 0                                |
| 20-49                       | 5                                |
| 50-99                       | 10                               |
| 100-199                     | 16                               |
| 200-349                     | 20                               |
| 350-499                     | 21                               |
| 500-+                       | 22                               |

\*Customers must sign the Terminals Volume Discount Agreement to obtain discount.

Terminals ordered for delivery with a basic system package are eligible for a 15% discount or the above QDA schedule, but not both.

**Operating Systems (Supported)**

| <b>TOPS-10</b> | <b>TOPS-20</b> | <b>Description</b>     | <b>One-Time License Fee</b> | <b>Fee Annual Maint.</b> | <b>Source TOPS-10</b> | <b>Policy TOPS-20</b> |
|----------------|----------------|------------------------|-----------------------------|--------------------------|-----------------------|-----------------------|
| QH649-Xx       |                | TOPS-10 for 1090       | Bundled                     | 4,000                    | B,S                   |                       |
| QH808-Xx       |                | TOPS-10 for 1091       | Bundled                     | 4,000                    | B,S                   |                       |
| QH647-Xx       |                | TOPS-10 for 2020       | Bundled                     | 4,000                    | B,S                   |                       |
| QT022-Ax       |                | TOPS-20 for 2020       | Bundled                     | 4,000                    |                       | B                     |
| QT010-Ax       |                | TOPS-20 for 2040, 2050 | Bundled                     | 4,000                    |                       | B                     |
| QT023-Ax       |                | TOPS-20 for 2060       | Bundled                     | 4,000                    |                       | B                     |

