

PDP-11 single-task

OPERATIONAL ENVIRONMENT

CPU
MEMORY
DISK
TAPE
LINE PRINTER
CARD READER
OTHER
OPERATING SYSTEM
HOST LANGUAGES

Minimum Configuration
PDP-11/34
64K words (128 bytes)
RK05 disk cartridge

Hardware memory management and extended instruction set
RSX-11M, RSX-11D, IAS
FORTRAN-IV, FORTRAN-IV PLUS,
MACRO-11 or any other language
with "CALL" or "EXIT" facility.

Additional Configurations
Models 40, 45, 50, 55, 70
To upward limit
RP02, RP03, RP04
TU10, TU16
LP11, LS11
CR11, CM11, CD11

CORE REQUIREMENTS

Program
DBGEN
DBFMT
DATBAS
TOTAL
DBMOD

Description
(Data Base Definition)
(Data Base Format)
(DML Interface)
(Data Manipulation Language)
(Data Base Descriptor)

Size in Bytes
20K bytes
3K bytes
200 bytes
12K bytes
approximately 500 bytes
per data set plus I/O buffers.

TOTAL FEATURES

- File level lockout
- Must link application to DATBAS, TOTAL and DBMOD
- Before image logging included with MARKL and QUIET
- Access modes of Update, Recover and Read-Only
- Unlock via a special SINON parameter

DELIVERY SCHEDULE

- Immediate

DISTRIBUTION MEDIA

- 9 track magnetic tape (800, 1600 bpi) or RK05 disk cartridge (user supply)

PRICES

- \$13,500 single-use charge or \$450. per month
- \$1,000 installation fee
- Maintenance charge 4% of single-use charge per annum.



PDP-II multi-task

OPERATIONAL ENVIRONMENT

	<i>Minimum Configuration</i>	<i>Additional Configuration</i>
CPU	PDP-11/34	Models 40, 45, 50, 55, 70
MEMORY	64K words (128 bytes)	To upward limit
DISK	RK05 disk cartridge	RP02, RP03, RP04
TAPE		TU10, TU16
LINE PRINTER		LP11, LS11
CARD READER		CR11, CM11, CD11
OTHER	Hardware memory management and extended instruction set.	
OPERATING SYSTEM	RSX-11D, IAS	
HOST LANGUAGES	FORTRAN-IV, FORTRAN-IV PLUS, MACRO-11 or any other language with "CALL" or "EXIT" facility.	

CORE REQUIREMENTS

<i>Program</i>	<i>Description</i>	<i>Size in Bytes</i>
DBGEN	(Data Base Definition)	20K bytes
DBFMT	(Data Base Format)	3K bytes
DATBAS	(DML Interface)	2.5K bytes
TOTAL	(Data Manipulation Language)	18K bytes
DBMOD	(Data Base Descriptor)	approximately 500 bytes per data set plus I/O buffers.

TOTAL FEATURES

- Link application to DATBAS
- Link a data PSECT to TOTAL
- TOTAL is a separate program
- DBMOD's are loaded dynamically
- Multiple DBMOD's allowed (maximum of 6)
- Record level lockout within each DBMOD
- Buffer pool sharing within each DBMOD
- Access modes of Read-Only and Update
- Before image logging included with MARKL and QUIET

DELIVERY SCHEDULE

- Immediate

DISTRIBUTION MEDIA

- 9 track magnetic tape (800, 1600 bpi) or RK05 disk cartridge (user supply)

PRICES

- \$16,500 single-use charge or \$550. per month
- \$1,000 installation fee
- Maintenance charge 4% of single-use charge per annum.

