

# **digital**

# Software Product Description

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**PRODUCT NAME: MSB11, Version 1, Mark Sense Batch for PDP-11**

**SPD 15.84.0**

**DESCRIPTION:**

MSB11 is a packaged hardware/software system providing optical mark card entry to a BASIC-11 (or, optionally, FORTRAN IV) compiler through a single-stream batch processor. Input cards must be prepared on DIGITAL's "PDP BASIC" (or "PDP FORTRAN") cards.

MSB11 operation is straightforward; after bootstrapping, the system assigns all required devices and enters batch mode. Users enter jobs solely through the card reader and receive output from the printer as each job is processed. An MSB11 job consists of batch control cards, the user's program, and any data the program will require. FORTRAN and BASIC jobs may be combined within the batch stream.

MSB11 assumes availability of a line printer. However, should the line printer be unavailable, a single command will reassign all output to the console terminal.

**MINIMUM HARDWARE REQUIRED:**

ES120/C  
CM11 or CMS-11K Mark Sense Card Reader

**OPTIONAL HARDWARE:**

None

**PREREQUISITE SOFTWARE:**

None

**OPTIONAL SOFTWARE:**

MSB/FORTRAN IV

**TRAINING CREDITS:**

None

**SUPPORT CATEGORY:**

A — Software Support will be provided as listed in the Software Support Categories Addendum to this SPD.

**UPDATE POLICY:**

During the first year, Update Policy shall be in accordance with the Software Support Categories Addendum to this SPD. After the first year, updates, if any, will be made available according to then prevailing DIGITAL policies.

**ORDERING INFORMATION:**

This software is furnished under a license for use on a single CPU and can be copied and modified (with inclusion of DIGITAL's copyright notice) only for use on such CPU, except as may otherwise be provided in writing by DIGITAL.

The following key (Y) represents the distribution media for the product and must be specified at the end of the "Q" number, i.e., QJE04-AY = binaries on floppy disk.

Y = Floppy Disk

*Standard Options*

RR-21RRA-L- MSB11 system, single use license, binaries, documentation, support services (power: A, D)

*Upgrade Options*

The following options are available as an upgrade kit from RT-11, Version 3 to MSB11 for use on the same single CPU on which RT-11, Version 3 is licensed. The license previously granted for RT-11, Version 3 shall be extended to cover this upgrade.

QJE04 -A— Single-use license, binaries, documentation, support services (media: Y)

**ADDITIONAL SERVICES:**

None

**D15.84.0**