



# Software Product Description

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PRODUCT NAME: BASIC-8 Version 1

SPD 1.5.1

DESCRIPTION:

BASIC-8 for the PDP-8 is an easy-to-learn, conversational computer language for scientific, business and educational applications. It is used to solve both simple and complex mathematical problems and is directed from the user's console.

Features of BASIC-8 include:

User Functions - User-coded functions are easily added.

Device Control - Input and output devices may be specified in the program.

Interpretive Execution - Because the system is interpretive, all commands can be checked before execution. If for some reason the line cannot be executed, the system prints out the line number and the type of error.

Statements include: LET; IF; INPUT; PTR; READ; FOR-TO-STEP; REM; PTP; DATA; NEXT; RESTORE; LPT; PRINT; DIM; DEF; STOP; GOTO; GOSUB; TTYIN; END; IF-GOTO; RETURN; TTYOUT.

Functions include: SIN; EXP; INT; GET; COS; LOG; RND; PUT; TAN; ABS; SGN; UUF; ATN; SQR; TAB; FNI.

MINIMUM HARDWARE REQUIRED:

PDP-8 Family Processor with 8K words of memory.  
LT33 Terminal

OPTIONAL HARDWARE SUPPORTED:

LE8 Line Printer  
PC8E High-Speed Papertape Reader/Punch

PREREQUISITE SOFTWARE:

None

OPTIONAL SOFTWARE SUPPORTED:

None

TRAINING CREDITS:

None

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SUPPORT CATEGORY:

C, Software Support will be provided as listed in the Software Support Categories Addendum to this SPD.

UPDATE POLICY:

No updates are planned for this product.

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 (B) represents the distribution media for the product and must be specified at end of "Q" number i.e., QF040-CB = binaries on Paper Tape.

B - Paper tape.

Standard Options

QF040-C\_ Single-use license, binaries, documentation no Support Services (media: B).

D1.5.1