



# Software Product Description

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PRODUCT NAME: 8K FORTRAN Version 1

SPD 1.10.1

DESCRIPTION:

'8K Fortran' is a version of FORTRAN II specifically designed for a PDP-8 computer. '8K FORTRAN' is used interchangeably to designate both the 8K FORTRAN language and the translator, or compiler. The language enables the programmer to express his problem using English words and mathematical statements similar to the language of mathematics and yet acceptable to the computer. The FORTRAN source program may be initially prepared off-line or by using the appropriate Editor program. The compiler translates the programmer's source program into symbolic language (SABR). The symbolic version of the program is then assembled into relocatable binary code, which is the language of the computer.

The 8K paper tape FORTRAN system consists of a one-pass FORTRAN Compiler, the SABR Assembler, the Linking Loader, and a library of subprograms.

Note: The 8K FORTRAN Language is a subset of OS/8 FORTRAN II. The OS/8 version of FORTRAN II is supported as Category B.

MINIMUM HARDWARE REQUIRED:

PDP-8 Family Processor with 8K of Memory  
PC8E High-Speed Papertape Reader/Punch

OPTIONAL HARDWARE SUPPORTED:

Additional Memory

PREREQUISITE SOFTWARE:

None

OPTIONAL SOFTWARE SUPPORTED:

None

TRAINING CREDITS:

None

SUPPORT CATEGORY:

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

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DEC-08-XPDAC-B-D

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 the 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 available for the product and must be specified at end of "Q" number i.e., QF050-CB = binaries on Paper Tape.

B - Paper Tape

Standard Options

QF050-C\_ Single-use license, binaries, documentation, no Support Services (media: B).

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