

# PROFESSIONAL OS9 OPERATING SYSTEM

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*OS9 by Microware* is an advanced high-performance multitasking operating system for 68XXX microprocessors. OS9 with its companion programming languages and software tools can play a crucial role in unlocking the performance of your 68XXX system. OS9 is optimized for low-cost high performance applications in real-time control systems, personal computers, and general purpose multiuser systems. OS9 is compact, highly efficient, and delivers outstanding performance on any size system.

OS9 combines significant new operating system concepts and real-time capabilities with the overall architecture of the popular UNIX operating system, yet OS9 is much smaller and far more efficient. OS9 provides key UNIX features such as tree-structured file system, device independent I/O, and full multitasking facilities. In fact, most UNIX application software written in the C Language can be easily recompiled to run on OS9.

Microware's C Compiler is included with OS9. It represents what is perhaps the most advanced C language technology for the 68XXX microprocessor family. The compiler is a complete implementation of the C Language according to the industry-standard Kernighan and Ritchie specifications.

Options for OS9 include Pascal, Basic, Fortran, Ultra C, C Graphics Library, and G Windows.

OS9 for the CD68XXX supports up to 5 users (4 RS-232, 1 VGA) without additional I/O cards. Drivers are included for graphics with resolutions up to 1024x768 in 256 colors, IDE hard drives, floppy drives (360K to 2.8MB) and parallel printers. Optional tape backup and networking capability is planned. Limited driver support is available for the SCSI port with additional drivers currently under development.

Professional OS9 for the CD68XXX includes the K&R V3.2 C Compiler, uMACS editor, assembler, linker, and over 70 utilities. A partial list follows:

ATTR	DATE	EDIT	KILL	MERGE	SAVE
BACKUP	DCHECK	EX	LINK	MFREE	SET
BINEX	DEINIZ	FORMAT	LIST	OS9GEN	SETENV
BUILD	DEL	FREE	LOAD	PD	SETIME
CHD	DELDIR	GREP	LOGIN	PR	TMODE
CHX	DIR	HELP	LOGOUT	PRINTENV	TSMON
CMP	DSAVE	IDENT	MAKDIR	PROCS	UNLINK
COPY	ECHO	INIZ	MDIR	RENAME	XMODE