

FreeRTOS

[Return to Operating Systems](#)

FreeRTOS is AIX (Advanced Interactive eXecutive, pronounced /ˌeɪər'ɛks/) is a series of proprietary [Unix operating systems](#) developed and sold by IBM for several of its computer platforms. Originally released for the IBM RT PC RISC workstation, AIX now supports or has supported a wide variety of hardware platforms, including the IBM RS/6000 series and later POWER and PowerPC-based systems, IBM System i, System/370 mainframes, PS/2 personal computers, and the Apple Network [Server](#).

AIX is based on UNIX System V with 4.3BSD-compatible extensions. It is one of four commercial operating systems that have versions certified to The Open Group's UNIX 03 standard (the others being macOS, HP-UX and eulerOS).

The AIX family of operating systems debuted in 1986, became the standard operating system for the RS/6000 series on its launch in 1990, and is still actively developed by IBM. It is currently supported on IBM Power Systems alongside IBM i and Linux.

Source: <https://en.wikipedia.org/wiki/FreeRTOS>

Datasheet	
Developer	Real Time Engineers Ltd.
Written in	
OS family	Real-time operating systems
Working state	Current
Source model	Open Source
Initial release	
Latest release	10.3.1 19 February 2020
Available in	English
Platforms	ARM (ARM7, ARM9, Cortex-M3, Cortex-M4, Cortex-M7, Cortex-A), Atmel AVR, AVR32, HCS12, MicroBlaze, Cortus (APS1, APS3, APS3R, APS5, FPF3, FPS6, FPS8), MSP430, PIC, Renesas H8/S, SuperH, RX, x86, 8052, Coldfire, V850, 78K0R, Fujitsu MB91460 series, Fujitsu MB96340 series, Nios II, Cortex-R4, TMS570, RM4x, Espressif ESP32, RISC-V
Kernel type	Microkernel
Default user interface	
License	MIT
Official Website	http://www.freertos.org/

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