

# Azure Real Time Operating System (or Azure RTOS)

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Microsoft's **Azure Real Time Operating System (or Azure RTOS)** is an embedded development suite including what Microsoft describes as a small but powerful [operating system](#) that provides reliable, ultra-fast performance for resource-constrained devices. It is a small, fast, reliable, and easy-to-use RTOS for connecting deeply embedded IoT devices. They present their solution as easy-to-use and “market-proven, having been deployed on more than 10 billion devices worldwide.” .

Sources: <https://www.trustradius.com/operating-systems?f=0>,  
<https://www.infoworld.com/article/3536569/inside-microsofts-latest-os-azure-rtos.html>

Datasheet	
<b>Developer</b>	Microsoft
<b>Written in</b>	C
<b>OS family</b>	Real-time operating system (RTOS)
<b>Working state</b>	Current
<b>Source model</b>	Source-available software
<b>Initial release</b>	February 1, 2010
<b>Latest release</b>	v6.1.2_rel[1] / November 10, 2020
<b>Available in</b>	English
<b>Platforms</b>	ARC, ARM, Blackfin, CEVA, C6x, MIPS, NXP, PIC, PowerPC, RISC-V, RX, SH, SHARC, TI, V850, Xtensa, x86, Coldfire, & others
<b>Kernel type</b>	Embedded, deterministic, real-time microkernel, picokernel
<b>Default user interface</b>	Embedded UI support (GUIX)
<b>License</b>	Proprietary

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