Azure Real Time Operating System (or Azure RTOS)

Return to Operating Systems

☒ [nick][✓ char, 2021-06-04]~~I think this is the Azure RTOS ThreadX, I couldn't find any other~~

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

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