

RTX64

Processor Compatibility

Compatibility between supported RTX64 versions and system processors.

	RTX64 2014	RTX64 2014 w/ SP1	RTX64 2014 w/ SP2	RTX64 3.0 w/ Updates	RTX64 3.1	RTX64 3.2 w/ Updates	RTX64 3.3 w/ Updates	RTX64 3.4	RTX64 3.5	RTX64 3.6
Sandy Bridge	Yes	Yes	Yes	Yes	Yes	Yes	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X
Ivy Bridge	Yes	Yes	Yes	Yes	Yes	Yes	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X
Haswell	Yes	Yes	Yes	Yes	Yes	Yes	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X
Broadwell	Yes	Yes	Yes	Yes	Yes	Yes	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X

	RTX64 2014	RTX64 2014 w/ SP1	RTX64 2014 w/ SP2	RTX64 3.0 w/ Updates	RTX64 3.1	RTX64 3.2 w/ Updates	RTX64 3.3 w/ Updates	RTX64 3.4	RTX64 3.5	RTX64 3.6
Skylake	No	No	No	Yes	Yes	Yes	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X
Kaby Lake	No	No	No	No	Yes	Yes	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X
Apollo Lake	No	No	No	No	Yes	Yes	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X
Coffee Lake	No	No	No	No	No	No	Yes (support was added in Update 2) Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X

	RTX64 2014	RTX64 2014 w/ SP1	RTX64 2014 w/ SP2	RTX64 3.0 w/ Updates	RTX64 3.1	RTX64 3.2 w/ Updates	RTX64 3.3 w/ Updates	RTX64 3.4	RTX64 3.5	RTX64 3.6
Intel® Core™ X-series	No	No	No	No	No	No	Yes (support was added in Update 2) Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat mode only; added in Update 2) Intel® AVX-512 instructions (added in Update 2)	Yes Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat mode only) Intel® AVX-512 instructions	Yes Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat and Priority modes) Intel® AVX-512 instructions	Yes Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat and Priority modes) Intel® AVX-512 instructions

	RTX64 2014	RTX64 2014 w/ SP1	RTX64 2014 w/ SP2	RTX64 3.0 w/ Updates	RTX64 3.1	RTX64 3.2 w/ Updates	RTX64 3.3 w/ Updates	RTX64 3.4	RTX64 3.5	RTX64 3.6
Intel® Xeon® Scalable	No	No	No	No	No	No	Yes (support was added in Update 2) Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat mode only) Intel® RDT (CAT/MBA, Flat mode only; added in Update 2) Intel® AVX-512 instructions (added in Update 2)	Yes Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat mode only) Intel® AVX-512 instructions	Yes Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat and Priority modes) Intel® AVX-512 instructions	Yes Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat and Priority modes) Intel® AVX-512 instructions
AMD Ryzen (First Gen)	No	No	No	No	No	No	No	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X	Yes Key Features: Multiple Vector Interrupts in MSI-X

	RTX64 2014	RTX64 2014 w/ SP1	RTX64 2014 w/ SP2	RTX64 3.0 w/ Updates	RTX64 3.1	RTX64 3.2 w/ Updates	RTX64 3.3 w/ Updates	RTX64 3.4	RTX64 3.5	RTX64 3.6
Coffee Lake Refresh	No	No	No	No	No	No	No	No	No	Yes
										Key Features: Multiple Vector Interrupts in MSI-X Intel® RDT (CAT/MBA, Flat and Priority modes) Intel® AVX-512 instructions

NOTES:

The Windows operating system installed on the machine must support the hardware. Windows 8.1 and Windows 7 do not support hardware beyond Skylake. For more information, see <https://support.microsoft.com/en-us/help/11675/windows-7-windows-8-1-skylake-systems-supported>

Windows 7 is currently only tested on Haswell and older hardware.