

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 |

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|----------------------------------|------------|----------------------|----------------------|-------------------------|-----------|-------------------------|--|---|--|--|
| 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 Silver | 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 |

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.