# RTX64

# Processor Compatibility

This document outlines compatibility between supported RTX64 versions and the system processors that are available for testing as part of the IntervalZero QA lab. Note that other processors should work. To request that a specific processor be added to our QA test lab, please contact support@intervalzero.com.

**NOTE:** The Windows operating system installed on the machine must support the hardware.

 IZ-DOC-X64-0243-R1

# RTX64 3.3 – 4.1

| | RTX64 3.3 w/ Updates | RTX64 3.4 w/ Updates | RTX64 3.5 w/ Updates | RTX64 3.6 w/Updates | RTX64 3.7 w/Updates | RTX64 4.0 w/Updates | RTX64 4.1 |
|---|---|---|---|---|---|---|---|
| **Comet Lake** (10th Gen) | No | No | No | No | Yes | Yes | Yes |
| **Coffee Lake Refresh** (8th/9th Gen) | No | No | No | Yes | Yes | Yes | Yes |

**Key Features:**

Multiple Vector Interrupts in MSI-X

Intel® RDT (CAT/MBA, Flat and Priority modes)

Intel® AVX-512 instructions

| | RTX64 3.3 w/ Updates | RTX64 3.4 w/ Updates | RTX64 3.5 w/ Updates | RTX64 3.6 w/Updates | RTX64 3.7 w/Updates | RTX64 4.0 w/Updates | RTX64 4.1 |
|---|---|---|---|---|---|---|---|
| **AMD Ryzen** (1st Gen) | No | Yes | Yes | Yes | Yes | Yes | Yes |
| | | **Key Feature:** Multiple Vector Interrupts in MSI-X | | | | | |
| **Intel® Xeon® Scalable** | Yes (Update 2) | Yes | Yes | Yes | Yes | Yes | Yes |
| | **Key Features:** Multiple Vector Interrupts in MSI-X | | | | | | |
| | Intel® AVX-512 instructions (added in Update 2) | Intel® AVX-512 instructions | | | | | |
| | Intel® RDT (CAT/MBA, Flat mode only; added in Update 2) | Intel® RDT (CAT/MBA, Flat mode only) | Intel® RDT (CAT/MBA, Flat and Priority modes) | | | | |

| | RTX64 3.3 w/ Updates | RTX64 3.4 w/ Updates | RTX64 3.5 w/ Updates | RTX64 3.6 w/Updates | RTX64 3.7 w/Updates | RTX64 4.0 w/Updates | RTX64 4.1 |
|---|---|---|---|---|---|---|---|
| **Intel® Core™ X-series** | Yes (Update 2) | Yes | Yes | Yes | Yes | Yes | Yes |
| | **Key Features:** Multiple Vector Interrupts in MSI-X | | | | | | |
| | Intel® AVX-512 instructions (added in Update 2) | Intel® AVX-512 instructions | | | | | |
| | Intel® RDT (CAT/MBA, Flat mode only; added in Update 2) | Intel® RDT (CAT/MBA, Flat mode only) | Intel® RDT (CAT/MBA, Flat and Priority modes) | | | | |
| **Coffee Lake** (8th Gen) | Yes (Update 2) | Yes | Yes | Yes | Yes | Yes | Yes |
| | **Key Feature:** Multiple Vector Interrupts in MSI-X | | | | | | |

| | RTX64 3.3 w/ Updates | RTX64 3.4 w/ Updates | RTX64 3.5 w/ Updates | RTX64 3.6 w/Updates | RTX64 3.7 w/Updates | RTX64 4.0 w/Updates | RTX64 4.1 |
|---|---|---|---|---|---|---|---|
| **Apollo Lake** | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Kaby Lake** (7th Gen) | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Skylake** (6th Gen) | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Broadwell** (5th Gen) | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

**Key Feature:**

Multiple Vector Interrupts in MSI-X

| | RTX64 3.3 w/ Updates | RTX64 3.4 w/ Updates | RTX64 3.5 w/ Updates | RTX64 3.6 w/Updates | RTX64 3.7 w/Updates | RTX64 4.0 w/Updates | RTX64 4.1 |
|---|---|---|---|---|---|---|---|
| **Haswell** (4th Gen) | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Ivy Bridge** (3rd Gen) | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Sandy Bridge** (2nd Gen) | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

**Key Feature:**

Multiple Vector Interrupts in MSI-X

**Windows 10 users:**

RTX64 3.4.2, 3.5.1, and 3.6.2 require the latest Windows 10 KB updates.

**Key Feature:**

Multiple Vector Interrupts in MSI-X

**Key Feature:**

Multiple Vector Interrupts in MSI-X

# RTX64 2014 – 3.2

| | RTX64 2014 | RTX64 2014 w/ SP1 | RTX64 2014 w/ SP2 | RTX64 3.0 w/ Updates | RTX64 3.1 | RTX64 3.2 w/ Updates |
|---|---|---|---|---|---|---|
| **Comet Lake** (10th Gen) | No | No | No | No | No | No |
| **Coffee Lake Refresh** (8th/9th Gen) | No | No | No | No | No | No |
| **AMD Ryzen** (1st Gen) | No | No | No | No | No | No |
| **Intel® Xeon® Scalable** | No | No | No | No | No | No |
| **Intel® Core™ X-series** | No | No | No | No | No | No |
| **Coffee Lake** (8th Gen) | No | No | No | No | No | No |
| **Apollo Lake** | No | No | No | No | No | No |
| **Kaby Lake** (7th Gen) | No | No | No | No | Yes | Yes |
| **Skylake** (6th Gen) | No | No | Yes (Update 2) | Yes | Yes | Yes |
| **Broadwell** (5th Gen) | Yes | Yes | Yes | Yes | Yes | Yes |
| **Haswell** (4th Gen) | Yes | Yes | Yes | Yes | Yes | Yes |
| **Ivy Bridge** (3rd Gen) | Yes | Yes | Yes | Yes | Yes | Yes |
| **Sandy Bridge** (2nd Gen) | Yes | Yes | Yes | Yes | Yes | Yes |