MRT hardware and software compatibility lists (HCL/SCL)

Brief introduction of compatibility lists

MRT Hardware Compatibility List provides the computer hardware environment that is fully compatible with MRT software and hardware confirmed by strict test. Hardware in the list can be fully compatible with MRT and display its features to the best. MRT Software Compatibility List provides the computer software environment that is fully compatible with MRT software and hardware confirmed by strict test. Software in the list can coexist with MRT without conflict.

MRT Software & Hardware Incompatibility list provides the software and hardware environment in which MRT cannot work normally. Software and hardware in incompatibility list will cause MRT unable to work normally. Users should avoid installing or using MRT in list incompatible software or hardware environment.

MRT Lab is devoted to improving MRT tools and making MRT compatible with various software and hardware environment. So this list is upgraded constantly. Before purchasing and using MRT, users should read Hardware & Software Incompatibility List carefully to ensure MRT be used properly.

Hardware Compatibility List (HCL)
Recommended motherboard for MRT:
Colorful Intel G31 motherboard
Gigabyte B75M-D2P
ASUS G41
ASUS P5PL
ASUS P8Z77 (high-end motherboard)
ASUS P8B75-M LX (Intel Ivy Bridge － B75 Express chip set)
ASUS P8H61-M LX3 PLUS R2.0 (Intel H61 chipset)
BIOSTAR G31-M7 TE (Intel 82801G (ICH7 Family) PCI Express Root Port - 27D2)
ASUS P8H61-M LE (Intel H61 chipset)

Recommended CPU for MRT:
DualCore Intel Pentium E2180, 2000 MHz
Intel Core 3rd generation i3-3220 @ 3.30GHz dual core four threads
Intel Core 2nd generation i3-2120 @ 3.30GHz dual core
Intel Pentium D 2.66GHz dual core
Intel Core 2nd generation i3-2100 @ 3.10GHz dual core
To ensure mirroring speed, we recommend dual-core or quad-core CPU
MRT Support Intel series CPU
MRT does not support AMD CPU; please do not use AMD motherboards and processors.
Recommended RAM: 1GB or above
Motherboard can use PCIE x1 / x2 / x4 / x8 / x16 slot

Recommended Configuration：

We listed 4 examples in which the hardware configuration can be perfectly compatible with MRT. Users can refer to the list to select suitable computer for MRT.

Configuration 1

Model: X86 compatible desktop

Operating system: Windows 7 Ultimate 32-bit SP1

CPU: Intel Core 3rd generation i5-3550 @ 3.30GHz quad core

Motherboard: Asus P8Z77-V LX (Intel Ivy Bridge － Z77 Express chipset)

Memory: 4GB (Kingston DDR3 1600MHz)

Primary hard drive: WDC 1TB

Configuration 2:

Model: Gigabyte desktop

Operating system: Windows 7 Professional 32-bit SP3

CPU: Intel Core 3rd generation i3-3220 @ 3.30GHz dual core

Motherboard: Gigabyte B75M-D2P (Intel Ivy Bridge － B75 Express chipset)

Memory: 4GB (GEIL DDR3 1333MHz)

Primary hard drive: ST1000DM003-1CH162 (1 TB/7200 r/min)

Configuration 3:

Model: Gigabyte desktop

Operating system: Windows 7 Ultimate 32-bit SP1

CPU: Intel Celeron G1630 @ 2.80GHz dual core

Motherboard: Gigabyte B75M-D2P (Intel Ivy Bridge － B75 Express chipset)

Memory: 4GB (A-DATA DDR3 1600MHz)

Primary hard drive: Intel SSDSC2BW120A4 (120GB/SSD)

Configuration 4:

Model: X86 compatible desktop

Operating system: Windows 10 Pro 64-bit

CPU: CPU I5-7400 CPU @3.00GHZ

Motherboard: ASUS TUF Z270 MARK2

Memory: 8GB (KINGSTON DDR4 2133 HYPER X)

Primary hard drive: APPLE SSD SM128E (128GB /SSD)

Software Compatibility List (SCL)

MRT is compatible with following operating systems:

Windows XP

Windows 2003

Windows Vista

Windows 7

Windows 8

Please note that both of MRT Ultra card and MRT Express card support 64-bit and

MRT software and hardware incompatibility list
Notice: Please don't install MRT in incompatible environment!
MRT is incompatible with following software:
360 Security Guard
360 Antivirus
Kingsoft Security Guard
Rising antivirus
Norton antivirus
Symantec antivirus
Kaspersky
The above software will kill MRT by mistake; please do not install MRT in computer with above software unless you know exactly how to add MRT to the white list of above software.

MRT software can be installed in standard HDDs, SSD or the partition USB flash disk belongs to. Please do not install MRT in partition which RAID belongs to.

MRT is incompatible with following motherboards or hardwares:
DELL server families motherboards, such as DELL SC430 server motherboard (There will be blue screen caused by bus conflict)
GIGABYTE P55A UD3R (Compatibility problem)
ASUS P7P55D (Compatibility problem)
ASUS P5-B (Compatibility problem)
ASUS Z8NA-D6(C) (Intel 5520/5500/X58 - ICH10R) (Compatibility problem)
ASRock N68-GS4 FX (Compatibility problem)
Biostar Z170GT7 (Intel Skylake-S - 100/C230 Series) (Compatibility problem)
LSI 1068E SAS raid card (Equipment conflict with MRT hardware card)
It has been confirmed that MRT card is incompatible with some GIGABYTE motherboards. So GIGABYTE motherboards are not recommended.
It has been confirmed that MRT is incompatible with Intel Xeon processor. So Intel Xeon series CPU is not recommended.
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