



## MSI Nightblade MI2-047EU Intel® Core™ i5 i5-6400 8 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 950 Windows 10 Home Desktop PC Black, Red

Brand : MSI

Product family: Nightblade

Article code: 956-B09011-047

Product name : MI2-047EU

MSI Nightblade MI2-047EU. Processor frequency: 2,7 GHz, Processor family: Intel® Core™ i5, Processor model: i5-6400. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2133 MHz. Total storage capacity: 1,13 TB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 530, Discrete graphics card model: NVIDIA® GeForce® GTX 950. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Power supply: 350 W. Product type: PC



| Processor                                      |                                   | Ports & interfaces                               |                       |
|--|-----------------------------------|--|-----------------------|
| Processor manufacturer *                       | Intel                             | Headphone outputs                                | 1                     |
| Processor family *                             | Intel® Core™ i5                   | Line-out   | ✓                     |
| Processor generation                           | 6th gen Intel® Core™ i5           | Line-in  | ✓                     |
| Processor model *                              | i5-6400                           | Design   |                       |
| Processor cores                                | 4                                 | Chassis type *                                   | Desktop               |
| Processor threads                              | 4                                 | Product colour *                                 | Black, Red            |
| Processor boost frequency                      | 3.3 GHz                           | Performance                                      |                       |
| Processor frequency *                          | 2.7 GHz                           | Motherboard chipset                              | Intel® B150           |
| Processor socket                               | LGA 1151 (Socket H4)              | Audio system                                     | High Definition Audio |
| Processor cache                                | 6 MB                              | Audio output channels                            | 7.1 channels          |
| Processor cache type                           | Smart Cache                       | Product type *                                   | PC                    |
| System bus rate                                | 8 GT/s                            | Software   |                       |
| Bus type                                       | DMI3                              | Operating system installed *                     | Windows 10 Home       |
| FSB Parity                                     | ✗                                 | Operating system architecture                    | 64-bit                |
| Processor lithography                          | 14 nm                             | Processor special features                       |                       |
| Processor operating modes                      | 64-bit                            | Intel® Small Business Advantage (Intel® SBA)     | ✓                     |
| Processor series                               | Intel Core i5-6400 Desktop series | Intel® Wireless Display (Intel® WiDi)            | ✓                     |
| Processor codename                             | Skylake                           | Intel 64   | ✓                     |
| Thermal Design Power (TDP)                     | 65 W                              | Enhanced Intel SpeedStep Technology              | ✓                     |
| Tcase  | 71 °C                             | Embedded options available                       | ✗                     |
| PCI Express slots version                      | 3.0                               | Intel® Built-in Visuals Technology               | ✓                     |
| Maximum number of PCI Express lanes            | 16                                | Intel® InTru™ 3D Technology                      | ✓                     |
| PCI Express configurations                     | 1x16, 2x8, 1x8+2x4                | Intel® Insider™                                  | ✓                     |
| Number of processors installed                 | 1                                 | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓                     |
| Stepping                                       | R0                                | Intel Clear Video Technology                     | ✓                     |
| Maximum internal memory supported by processor | 64 GB                             | Intel VT-x with Extended Page Tables (EPT)       | ✓                     |
| Memory types supported by processor            | DDR3L-SDRAM, DDR4-SDRAM           |  |                       |
| Memory clock speeds supported by processor     | 2133,1333,1600,1866 MHz           |  |                       |
| Memory bandwidth supported by processor (max)  | 34.1 GB/s                         |  |                       |

| Processor   |                          | Processor special features  |                         |
|---|--------------------------|---|-------------------------|
| ECC supported by processor                        | ✗                        | Intel TSX-NI  | ✗                       |
| Memory voltage supported by processor             | 1.35 V                   | Idle States   | ✓                       |
| Memory  |                          | Thermal Monitoring Technologies   | ✓                       |
| Internal memory *                                 | 8 GB                     | Intel Stable Image Platform Program (SIPP)                                    | ✗                       |
| Maximum internal memory *                         | 32 GB                    | Intel® AES New Instructions (Intel® AES-NI)                                   | ✓                       |
| Internal memory type                              | DDR4-SDRAM               | Intel® Secure Key   | ✓                       |
| Memory slots                                      | 2x SO-DIMM               | Intel® OS Guard   | ✓                       |
| Memory clock speed                                | 2133 MHz                 | Intel Trusted Execution Technology  | ✗                       |
| Memory channels                                   | Dual-channel             | Execute Disable Bit   | ✓                       |
| Storage   |                          | Intel HD Graphics   | ✓                       |
| Total storage capacity *                          | 1.13 TB                  | Intel FDI Technology  | ✗                       |
| Storage media *                                   | HDD+SSD                  | Intel Flex Memory Access  | ✗                       |
| Optical drive type *                              | DVD Super Multi          | Intel Fast Memory Access  | ✗                       |
| Number of storage drives installed                | 2                        | Intel® Smart Cache  | ✓                       |
| Number of HDDs installed                          | 1                        | Intel Enhanced Halt State   | ✓                       |
| HDD capacity                                      | 1 TB                     | Intel Demand Based Switching  | ✗                       |
| Number of SSDs installed                          | 1                        | Intel Software Guard Extensions (Intel SGX)                                   | ✓                       |
| SSD capacity                                      | 128 GB                   | Graphics  |                         |
| Card reader integrated                            | ✗                        | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓                       |
| Graphics  |                          | Processor package size  | 37.5 x 37.5 mm          |
| On-board graphics card *                          | ✓                        | Supported instruction sets  | SSE4.2, AVX 2.0, SSE4.1 |
| Discrete graphics card model *                    | NVIDIA® GeForce® GTX 950 | Processor code  | SR2BY                   |
| Discrete graphics card memory                     | 2 GB                     | Scalability   | 1S                      |
| Discrete graphics memory type                     | GDDR5                    | CPU configuration (max)   | 1                       |
| On-board graphics card family                     | Intel® HD Graphics       | Graphics & IMC lithography  | 14 nm                   |
| On-board graphics card model *                    | Intel® HD Graphics 530   | Thermal solution specification  | PCG 2015C               |
| On-board graphics card base frequency             | 350 MHz                  | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓                       |
| On-board graphics card dynamic frequency (max)    | 950 MHz                  | Intel Identity Protection Technology version                                  | 1.00                    |
| Maximum on-board graphics card memory             | 64 GB                    | Intel Stable Image Platform Program (SIPP) version                            | 0.00                    |
| Number of displays supported (on-board graphics)  | 3                        | Intel Secure Key Technology version   | 1.00                    |
| On-board graphics card DirectX version            | 12.0                     | Intel Virtualization Technology (VT-x)  | ✓                       |
| On-board graphics card OpenGL version             | 4.4                      | Intel Small Business Advantage (SBA) version                                  | 1.00                    |
| On-board graphics card ID                         | 1912                     | Intel TSX-NI version  | 0.00                    |
| Graphics card Open GL support                     | ✓                        | Intel Dual Display Capable Technology   | ✗                       |
| NVIDIA G-SYNC                                     | ✗                        | Intel Rapid Storage Technology  | ✗                       |
| NVIDIA GameWorks VR                               | ✗                        | Processor ARK ID  | 88185                   |
| Graphics card HDMI ports quantity                 | 1                        | Intel® Turbo Boost Technology   | 2.0                     |
| Graphics card DisplayPorts quantity               | 3                        | Intel® Hyper Threading Technology (Intel® HT Technology)                      | ✗                       |
| Graphics card DVI-I ports quantity                | 1                        | Intel® Quick Sync Video Technology  | ✓                       |
| Network   |                          | Intel® My WiFi Technology (Intel® MWT)  | ✗                       |
| Ethernet LAN *                                    | ✓                        | Intel® Identity Protection Technology (Intel® IPT)                            | ✓                       |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s       | Intel® Anti-Theft Technology (Intel® AT)                                      | ✗                       |
| Wi-Fi *   | ✓                        | Conflict-Free processor   | ✓                       |
| Top Wi-Fi standard                                | Wi-Fi 5 (802.11ac)       | Power   |                         |
| Wi-Fi standards                                   | Wi-Fi 5 (802.11ac)       | Power supply *  | 350 W                   |
| Bluetooth   | ✓                        | Weight & dimensions   |                         |
| Bluetooth version                                 | 4.2                      | Width *   | 127.6 mm                |
| Ports & interfaces                                |                          |   |                         |
| USB 2.0 ports quantity *                          | 3                        |   |                         |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4                        |   |                         |

| Ports & interfaces                                |   | Weight & dimensions     |          |
|---|---|-------------------------|----------|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 | Depth *                 | 340.6 mm |
| DVI port  | ✗ | Height *                | 234.8 mm |
| HDMI ports quantity *                             | 1 | Weight *                | 8 kg     |
| DisplayPorts quantity                             | 1 | Packaging content       |          |
| PS/2 ports quantity                               | 1 | Display included *      | ✗        |
| Ethernet LAN (RJ-45) ports                        | 1 | Mouse included          | ✗        |
| Microphone in                                     | ✓ | Keyboard included       | ✗        |
|   |   | Other features          |          |
|   |   | Optical drives quantity | 1        |



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