



**MSI Pro 24X 7M-006EU Intel® Core™ i3 i3-7100U 60,5 cm (23.8")  
1920 x 1080 pixels All-in-One PC 4 GB DDR4-SDRAM 1 TB HDD  
Windows 10 Home Wi-Fi 5 (802.11ac) Black**

**Brand :** MSI

**Product family:** Pro

**Article code:** PRO 24X  
7M-006EU

**Product name :** 24X 7M-006EU

MSI Pro 24X 7M-006EU. Product type: All-in-One PC. Display diagonal: 60,5 cm (23.8"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Screen shape: Flat, Panel type: IPS. Processor family: Intel® Core™ i3, Processor frequency: 2,4 GHz. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 620. Operating system installed: Windows 10 Home. Product color: Black



| Display                             |                         | Network  |                 |
|-------------------------------------|-------------------------|--|-----------------|
| Display diagonal *                  | 60.5 cm (23.8")         | Bluetooth *  | ✓               |
| Display resolution *                | 1920 x 1080 pixels      | Bluetooth version  | 4.2             |
| Touchscreen *                       | ✗                       | Ports & interfaces                                       |                 |
| HD type *                           | Full HD                 | Ethernet LAN (RJ-45) ports                               | 2               |
| LED backlight                       | ✓                       | USB 2.0 ports quantity *                                 | 2               |
| Native aspect ratio                 | 16:9                    | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *        | 4               |
| Panel type                          | IPS                     | HDMI ports quantity *                                    | 1               |
| Screen shape                        | Flat                    | Headphone outputs  | 1               |
| Processor                           |                         | Microphone in  | ✓               |
| Processor manufacturer *            | Intel                   | DC-in jack   | ✓               |
| Processor family *                  | Intel® Core™ i3         | Design   |                 |
| Processor generation                | 7th gen Intel® Core™ i3 | Product colour *   | Black           |
| Processor model *                   | i3-7100U                | On/off button  | ✓               |
| Processor cores                     | 2                       | Performance  |                 |
| Processor threads                   | 4                       | Product type *   | All-in-One PC   |
| Processor frequency *               | 2.4 GHz                 | Software   |                 |
| Processor cache                     | 3 MB                    | Operating system installed *                             | Windows 10 Home |
| Processor cache type                | Smart Cache             | Processor special features                               |                 |
| System bus rate                     | 4 GT/s                  | Intel® Smart Response Technology                         | ✓               |
| 64-bit computing                    | ✓                       | Intel® Turbo Boost Technology                            | ✗               |
| Thermal Design Power (TDP)          | 15 W                    | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓               |
| Configurable TDP-down frequency     | 0.8 GHz                 | Intel® My WiFi Technology (Intel® MWT)                   | ✓               |
| Configurable TDP-down               | 7.5 W                   | Intel® Identity Protection Technology (Intel® IPT)       | ✓               |
| PCI Express slots version           | 3.0                     | Intel® Small Business Advantage (Intel® SBA)             | ✓               |
| Processor socket                    | BGA 1356                | Intel® Wireless Display (Intel® WiDi)                    | ✓               |
| Processor lithography               | 14 nm                   |  |                 |
| Processor operating modes           | 64-bit                  |  |                 |
| Stepping                            | H0                      |  |                 |
| Bus type                            | OPI                     |  |                 |
| Processor codename                  | Kaby Lake               |  |                 |
| Maximum number of PCI Express lanes | 12                      |  |                 |

| Processor  |                                 | Processor special features  |                 |
|--|---------------------------------|---|-----------------|
| PCI Express configurations                       | 1x2+2x1, 1x4, 2x2, 4x1          | Enhanced Intel SpeedStep Technology   | ✓               |
| Processor code                                   | SR2ZW                           | Intel® Quick Sync Video Technology  | ✓               |
| Tjunction  | 100 °C                          | Intel® Clear Video HD Technology (Intel® CVT HD)                              | ✓               |
| Maximum internal memory supported by processor   | 32 GB                           | Intel Clear Video Technology  | ✓               |
| Conflict-Free processor                          | ✓                               | Intel® Insider™   | ✓               |
| Memory types supported by processor              | DDR3L, DDR4-SDRAM, LPDDR3-SDRAM | Intel® InTru™ 3D Technology   | ✓               |
| Memory clock speeds supported by processor       | 1600,1866,2133 MHz              | Intel Flex Memory Access  | ✓               |
| Memory bandwidth supported by processor (max)    | 34.1 GB/s                       | Intel® AES New Instructions (Intel® AES-NI)                                   | ✓               |
| Memory channels supported by processor           | Dual                            | Intel Trusted Execution Technology  | ✗               |
| ECC supported by processor                       | ✗                               | Intel Enhanced Halt State   | ✓               |
| Memory   |                                 | Intel VT-x with Extended Page Tables (EPT)                                    | ✓               |
| Internal memory *                                | 4 GB                            | Intel® Secure Key   | ✓               |
| Internal memory type                             | DDR4-SDRAM                      | Intel TSX-NI  | ✗               |
| Maximum internal memory *                        | 32 GB                           | Intel Stable Image Platform Program (SIPP)                                    | ✗               |
| Memory slots                                     | 2                               | Intel® OS Guard   | ✓               |
| Memory slots type                                | SO-DIMM                         | Intel Software Guard Extensions (Intel SGX)                                   | ✓               |
| Memory form factor                               | DIMM/SO-DIMM                    | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓               |
| Storage  |                                 | Intel 64  | ✓               |
| Total storage capacity *                         | 1 TB                            | Execute Disable Bit   | ✓               |
| Storage media *                                  | HDD                             | Idle States   | ✓               |
| Number of storage drives installed               | 1                               | Thermal Monitoring Technologies   | ✓               |
| Number of HDDs installed                         | 1                               | Processor package size  | 42 x 24 mm      |
| HDD capacity                                     | 1 TB                            | Supported instruction sets  | AVX 2.0, SSE4.2 |
| Optical drive type *                             | ✗                               | CPU configuration (max)   | 1               |
| Card reader integrated                           | ✗                               | Embedded options available  | ✓               |
| Compatible memory cards                          | Not supported                   | Graphics & IMC lithography  | 14 nm           |
| Graphics   |                                 | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓               |
| Discrete graphics card *                         | ✗                               | Intel Identity Protection Technology version                                  | 1.00            |
| Discrete graphics card model *                   | Not available                   | Intel Smart Response Technology version                                       | 1.00            |
| On-board graphics card *                         | ✓                               | Intel Stable Image Platform Program (SIPP) version                            | 0.00            |
| On-board graphics card model *                   | Intel® HD Graphics 620          | Intel Secure Key Technology version   | 1.00            |
| On-board graphics card base frequency            | 300 MHz                         | Intel Virtualization Technology (VT-x)  | ✓               |
| On-board graphics card dynamic frequency (max)   | 1000 MHz                        | Intel TSX-NI version  | 0.00            |
| Maximum on-board graphics card memory            | 32 GB                           | Processor ARK ID  | 95442           |
| Number of displays supported (on-board graphics) | 3                               | Pen   |                 |
| On-board graphics card DirectX version           | 12.0                            | Pen included  | ✗               |
| On-board graphics card OpenGL version            | 4.4                             | Weight & dimensions   |                 |
| On-board graphics card ID                        | 0x5916                          | Width (with stand)  | 538.4 mm        |
| Audio  |                                 | Depth (with stand)  | 170 mm          |
| Built-in speaker(s) *                            | ✓                               | Height (with stand)   | 400 mm          |
| Number of speakers                               | 2                               | Weight (with stand)   | 3.96 kg         |
| RMS rated power                                  | 5 W                             | Package weight  | 4.9 kg          |
| Camera   |                                 | Packaging content   |                 |
| Built-in camera *                                | ✗                               | AC adapter included   | ✓               |
| Network  |                                 | Other features  |                 |
| Wi-Fi *  | ✓                               | 3D  | ✗               |
| Top Wi-Fi standard *                             | Wi-Fi 5 (802.11ac)              |   |                 |
| Wi-Fi standards                                  | Wi-Fi 5 (802.11ac)              |   |                 |

| Network                 |                    | Other features     |   |
|-------------------------|--------------------|--------------------|---|
| Ethernet LAN *          | ✓                  | Detachable display | ✗ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |                    |   |



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Publication date: 31-DEC-2024. Prints or copies of Information are only valid on the printed Publication date