msi

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

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type *	Full HD
LED backlight	✔
Native aspect ratio	16:9
Panel type	IPS
Screen shape	Flat

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	7th gen Intel® Core™ i3
Processor model *	i3-7100U
Processor cores	2
Processor threads	4
Processor frequency *	2.4 GHz
Processor cache	3 MB
Processor cache type	Smart Cache
System bus rate	4 GT/s
64-bit computing	✔
Thermal Design Power (TDP)	15 W
Configurable TDP-down frequency	0.8 GHz
Configurable TDP-down	7.5 W
PCI Express slots version	3.0
Processor socket	BGA 1356
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

Network

Bluetooth *	✔
Bluetooth version	4.2

Ports & interfaces

Ethernet LAN (RJ-45) ports	2
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
HDMI ports quantity *	1
Headphone outputs	1
Microphone in	✔
DC-in jack	✔

Design

Product colour *	Black
On/off button	✔

Performance

Product type *	All-in-One PC

Software

Operating system installed *	Windows 10 Home

Processor special features

Intel® Smart Response Technology	✔
Intel® Turbo Boost Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Small Business Advantage (Intel® SBA)	✔
Intel® Wireless Display (Intel® WiDi)	✔

Processor

PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1
Processor code	SR2ZW
Tjunction	100 °C
Maximum internal memory supported by processor	32 GB
Conflict-Free processor	✔
Memory types supported by processor	DDR3L, DDR4-SDRAM, LPDDR3-SDRAM
Memory clock speeds supported by processor	1600,1866,2133 MHz
Memory bandwidth supported by processor (max)	34.1 GB/s
Memory channels supported by processor	Dual
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory *	32 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory form factor	DIMM/SO-DIMM

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Number of storage drives installed	1
Number of HDDs installed	1
HDD capacity	1 TB
Optical drive type *	✘
Card reader integrated	✘
Compatible memory cards	Not supported

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board graphics card model *	Intel® HD Graphics 620
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	32 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x5916

Audio

Built-in speaker(s) *	✔
Number of speakers	2
RMS rated power	5 W

Camera

Built-in camera *	✘

Network

Wi-Fi *	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	Wi-Fi 5 (802.11ac)

Processor special features

Enhanced Intel SpeedStep Technology	✔
Intel® Quick Sync Video Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® Insider™	✔
Intel® InTru™ 3D Technology	✔
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 24 mm
Supported instruction sets	AVX 2.0, SSE4.2
CPU configuration (max)	1
Embedded options available	✔
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel TSX-NI version	0.00
Processor ARK ID	95442

Pen

Pen included	✘

Weight & dimensions

Width (with stand)	538.4 mm
Depth (with stand)	170 mm
Height (with stand)	400 mm
Weight (with stand)	3.96 kg
Package weight	4.9 kg

Packaging content

AC adapter included	✔

Other features

3D	✘

Network		Other features	
Ethernet LAN *	✔	Detachable display	✘
Ethernet LAN data rates	10,100,1000 Mbit/s		

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