![ASUS logo]

ASUS VivoPC M80CJ-FR007T Intel® Core™ i5 i5-7300HQ 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 1060 Windows 10 Tower PC Black

Brand : ASUS

Product family: VivoPC

Product code: 90PD0261-M00750

Product name : M80CJ-FR007T

Intel Core i5-7300HQ, 8GB DDR4, 1TB HDD, NVIDIA GeForce GTX1060 3GB GDDR5, 802.11ac, Bluetooth 4.1, Windows 10 64-Bit
ASUS VivoPC M80CJ-FR007T. Processor frequency: 2,5 GHz, Processor family: Intel® Core™ i5, Processor model: i5-7300HQ. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 630, Discrete graphics card model: NVIDIA® GeForce® GTX 1060. Operating system installed: Windows 10, Operating system architecture: 64-bit. Power supply: 230 W. Chassis type: Tower. Product type: PC

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	7th gen Intel® Core™ i5
Processor model *	i5-7300HQ
Processor cores	4
Processor threads	4
Processor boost frequency	3,5 GHz
Processor frequency *	2,5 GHz
Processor cache	6 MB
System bus rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-700 Desktop Series
Processor codename	Kaby Lake
Thermal Design Power (TDP)	45 W
Configurable TDP-down	35 W
Tjunction	100 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 1x8+2x4, 2x8
Number of processors installed	1
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR3L, DDR4-SDRAM, LPDDR3-SDRAM
Memory clock speeds supported by processor	1600,2133,2400 MHz
Memory bandwidth supported by processor (max)	34,1 GB/s

Design

Chassis type *	Tower
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Performance

Virtual Reality (VR) ready	✔
Product type *	PC

Software

Operating system installed *	Windows 10
Operating system architecture	64-bit

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✘
Intel® InTru™ 3D Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✘
Idle States	✔
Thermal Monitoring Technologies	✔
Intel Stable Image Platform Program (SIPP)	✘

Processor

ECC supported by processor	✘

Memory

Internal memory *	8 GB
Maximum internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2400 MHz
Memory channels	Dual-channel

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Optical drive type *	✘
Number of HDDs installed	1
HDD capacity	1 TB
HDD interface	SATA
HDD size	2.5"
Card reader integrated	✘

Graphics

Discrete graphics card *	✔
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA® GeForce® GTX 1060
Discrete graphics card memory	3 GB
Discrete graphics memory type	GDDR5
On-board graphics card model *	Intel® HD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	64 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	0x591B

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	✔
Bluetooth version	4.1

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
DVI port	✘
HDMI ports quantity *	2
DisplayPorts quantity	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✘
Combo headphone/mic port	✔

Processor special features

Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✘
Execute Disable Bit	✔
Intel Flex Memory Access	✔
Intel Enhanced Halt State	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Processor package size	42 x 28 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
CPU configuration (max)	1
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection 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 Small Business Advantage (SBA) version	1,00
Intel Smart Response Technology version	1,00
Intel TSX-NI version	0,00
Processor ARK ID	97456
Intel® Smart Response Technology	✔
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Quick Sync Video Technology	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Conflict-Free processor	✔

Power

Power supply *	230 W

Weight & dimensions

Width *	76 mm
Depth *	280 mm
Height *	260 mm
Weight *	2,2 kg

Packaging content

Mouse included	✔
Keyboard included	✔
AC adapter included	✔

Display

Display included *	✘

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