

## 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		Design	
Processor manufacturer *	Intel	Chassis type *	Tower
Processor family *	Intel® Core™ i5	Cable lock slot	✓
Processor generation	7th gen Intel® Core™ i5	Cable lock slot type	Kensington
Processor model *	i5-7300HQ	Product colour *	Black
Processor cores	4	<b>Performance</b>	
Processor threads	4	Virtual Reality (VR) ready	✓
Processor boost frequency	3,5 GHz	Product type *	PC
Processor frequency *	2,5 GHz	<b>Software</b>	
Processor cache	6 MB	Operating system installed *	Windows 10
System bus rate	8 GT/s	Operating system architecture	64-bit
Bus type	DMI3	<b>Processor special features</b>	
Processor lithography	14 nm	Intel® Wireless Display (Intel® WiDi)	✓
Processor operating modes	64-bit	Intel 64	✓
Processor series	Intel Core i5-700 Desktop Series	Enhanced Intel SpeedStep Technology	✓
Processor codename	Kaby Lake	Embedded options available	✗
Thermal Design Power (TDP)	45 W	Intel® InTru™ 3D Technology	✓
Configurable TDP-down	35 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Tjunction	100 °C	Intel Clear Video Technology	✓
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✗
PCI Express configurations	1x16, 1x8+2x4, 2x8	Idle States	✓
Number of processors installed	1	Thermal Monitoring Technologies	✓
Maximum internal memory supported by processor	64 GB	Intel Stable Image Platform Program (SIPP)	✗
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		

Processor		Processor special features	
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel® Secure Key	✓
Internal memory *	8 GB	Intel® OS Guard	✓
Maximum internal memory *	16 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory clock speed	2400 MHz	Intel Flex Memory Access	✓
Memory channels	Dual-channel	Intel Enhanced Halt State	✓
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	1 TB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage media *	HDD	Processor package size	42 x 28 mm
Optical drive type *	✗	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA	Intel Identity Protection Technology version	1,00
HDD size	2.5"	Intel Stable Image Platform Program (SIPP) version	0,00
Card reader integrated	✗	Intel Secure Key Technology version	1,00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card *	✓	Intel Smart Response Technology version	1,00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1060	Intel TSX-NI version	0,00
Discrete graphics card memory	3 GB	Processor ARK ID	97456
Discrete graphics memory type	GDDR5	Intel® Smart Response Technology	✓
On-board graphics card model *	Intel® HD Graphics 630	Intel® Turbo Boost Technology	2.0
On-board graphics card base frequency	350 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card dynamic frequency (max)	1000 MHz	Intel® Quick Sync Video Technology	✓
Maximum on-board graphics card memory	64 GB	Intel® My WiFi Technology (Intel® MWT)	✓
Number of displays supported (on-board graphics)	3	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card DirectX version	12.0	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	0x591B	Power supply *	230 W
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	76 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	280 mm
Cabling technology	10/100/1000Base-T(X)	Height *	260 mm
Wi-Fi *	✓	Weight *	2,2 kg
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Packaging content	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Mouse included	✓
Bluetooth	✓	Keyboard included	✓
Bluetooth version	4.1	AC adapter included	✓
Ports & interfaces		Display	
USB 2.0 ports quantity *	2	Display included *	✗
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	✓		

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