

ASUS VivoMini VC66-B036Z Intel® Core™ i5 i5-7400 8 GB DDR4-SDRAM 256 GB SSD NVIDIA® GeForce® GTX 1060 Windows 10 Pro Mini PC Black

Brand : ASUS

Product family: VivoMini

Product code: 90MS00Y1-M00360

Product name : VC66-B036Z

Intel Core i5-7400 (6M Cache, 3GHz), 8GB RAM, 256GB SSD, Intel HD Graphics 630 + Nvidia GeForce GTX 1060, DVD, WLAN 802.11, Ethernet, Windows 10 Pro
 ASUS VivoMini VC66-B036Z. Processor frequency: 3 GHz, Processor family: Intel® Core™ i5, Processor model: i5-7400. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 256 GB, Storage media: SSD, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics 630, Discrete graphics card model: NVIDIA® GeForce® GTX 1060. Operating system installed: Windows 10 Pro. Chassis type: Mini PC. Product type: Mini PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPorts quantity	1
Processor family *	Intel® Core™ i5	Ethernet LAN (RJ-45) ports	1
Processor generation	7th gen Intel® Core™ i5	Headphone outputs	1
Processor model *	i5-7400	DC-in jack	✓
Processor cores	4	Serial ports quantity	1
Processor threads	4	Design	
Processor boost frequency	3,5 GHz	Chassis type *	Mini PC
Processor frequency *	3 GHz	Volume	2 L
Processor socket	LGA 1151 (Socket H4)	Cable lock slot	✓
Processor cache	6 MB	Cable lock slot type	Kensington
Processor cache type	Smart Cache	Product colour *	Black
System bus rate	8 GT/s	Performance	
Bus type	DMI3	Motherboard chipset	Intel® H110
Processor lithography	14 nm	Product type *	Mini PC
Processor operating modes	64-bit	Software	
Processor series	Intel Core i5-7400 Desktop Series	Operating system installed *	Windows 10 Pro
Processor codename	Kaby Lake	Processor special features	
Thermal Design Power (TDP)	65 W	Intel 64	✓
Tjunction	100 °C	Enhanced Intel SpeedStep Technology	✓
PCI Express slots version	3.0	Embedded options available	✗
Maximum number of PCI Express lanes	16	Intel® InTru™ 3D Technology	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Number of processors installed	1	Intel Clear Video Technology	✓
Stepping	B0	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory supported by processor	64 GB		
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM		

Processor		Processor special features	
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz	Intel TSX-NI	✗
ECC supported by processor	✗	Idle States	✓
Memory voltage supported by processor	1,35 V	Thermal Monitoring Technologies	✓
Memory		Intel Stable Image Platform Program (SIPP)	✗
Internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum internal memory *	32 GB	Intel® Secure Key	✓
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory slots	2x SO-DIMM	Intel Trusted Execution Technology	✗
Memory clock speed	2400 MHz	Execute Disable Bit	✓
Memory channels	Dual-channel	Intel Enhanced Halt State	✓
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	256 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage media *	SSD	Processor package size	37.5 x 37.5 mm
Optical drive type *	DVD-RW	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD interface	SATA III	Processor code	SR32W
HDD size	2.5"	Scalability	1S
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	256 GB	Thermal solution specification	PCG 2015C
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Identity Protection Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card *	✓	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 1060	Intel TSX-NI version	0,00
On-board graphics card model *	Intel® HD Graphics 630	Processor ARK ID	97147
On-board graphics card base frequency	350 MHz	Intel® Turbo Boost Technology	2.0
On-board graphics card dynamic frequency (max)	1000 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Maximum on-board graphics card memory	64 GB	Intel® Quick Sync Video Technology	✓
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		
On-board graphics card ID	5912		
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	177,4 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	153 mm
Wi-Fi *	✓	Height *	74,1 mm
Top Wi-Fi standard	Wi-Fi 4 (802.11n)	Weight *	1,5 kg
Wi-Fi standards	802.11a, 802.11b, 802.11g		
Bluetooth	✓		
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	2	VESA mount included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	AC adapter included	✓
DVI port	✓		
HDMI ports quantity *	1		
		Display	
		Display included *	✗
		Other features	
		Optical drives quantity	1



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