

ASUS VivoMini VM65N-G067Z Intel® Core™ i5 i5-7200U 8 GB DDR4-SDRAM 256 GB SSD NVIDIA® GeForce® 930M Windows 10 Home Mini PC Grey



Brand : ASUS

Product family: VivoMini

Product code: 90MS00Q1-M00670

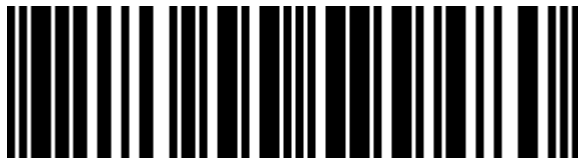
Product name : VM65N-G067Z

Intel Core i5-7200U (2.5GHz, 3M Cache), 8GB RAM, 256GB SSD, Intel HD Graphics 620, WLAN 802.11, Windows 10

ASUS VivoMini VM65N-G067Z. Processor frequency: 2,5 GHz, Processor family: Intel® Core™ i5, Processor model: i5-7200U. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2133 MHz. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 620, Discrete graphics card model: NVIDIA® GeForce® 930M. Operating system installed: Windows 10 Home. Power supply: 90 W. Chassis type: Mini PC. Product type: Mini PC. Product colour: Grey

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	Microphone in	✓
Processor model *	i5-7200U	Headphone outputs	1
Processor cores	2	S/PDIF out port	✓
Processor threads	4	DC-in jack	✓
Processor boost frequency	3,1 GHz	Design	
Processor frequency *	2,5 GHz	Chassis type *	Mini PC
Processor socket	BGA 1356	Volume	2 L
Processor cache	3 MB	Cable lock slot	✓
Processor cache type	Smart Cache	Cable lock slot type	Kensington
System bus rate	4 GT/s	Product colour *	Grey
Bus type	OPI	Performance	
Processor lithography	14 nm	Product type *	Mini PC
Processor operating modes	64-bit	Software	
Processor codename	Kaby Lake	Operating system installed *	Windows 10 Home
Thermal Design Power (TDP)	15 W	Processor special features	
Configurable TDP-up frequency	2,7 GHz	Intel® Small Business Advantage (Intel® SBA)	✓
Configurable TDP-up	25 W	Intel® Wireless Display (Intel® WiDi)	✓
Configurable TDP-down	7,5 W	Intel 64	✓
Configurable TDP-down frequency	0,8 GHz	Enhanced Intel SpeedStep Technology	✓
Tjunction	100 °C	Embedded options available	✗
PCI Express slots version	3.0	Intel® InTru™ 3D Technology	✓
Maximum number of PCI Express lanes	12	Intel® Insider™	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Number of processors installed	1	Intel Clear Video Technology	✓
Stepping	H0	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory supported by processor	32 GB	Intel TSX-NI	✗
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		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	8 GB	Idle States	✓
Maximum internal memory *	32 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR4-SDRAM	Intel Stable Image Platform Program (SIPP)	✗
Memory slots	2x SO-DIMM	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory clock speed	2133 MHz	Intel® Secure Key	✓
Memory channels	Dual-channel	Intel® OS Guard	✓
Storage		Intel Trusted Execution Technology	✗
Total storage capacity *	256 GB	Execute Disable Bit	✓
Storage media *	SSD	Intel Flex Memory Access	✓
Card reader integrated	✓	Intel Enhanced Halt State	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Software Guard Extensions (Intel SGX)	✓
Graphics		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Discrete graphics card *	✓	Processor package size	42 x 24 mm
On-board graphics card *	✓	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Discrete graphics card model *	NVIDIA® GeForce® 930M	Processor code	SR2ZU
Discrete graphics card memory	2 GB	CPU configuration (max)	1
Discrete graphics memory type	GDDR3	Graphics & IMC lithography	14 nm
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card model *	Intel® HD Graphics 620	Intel Identity Protection Technology version	1,00
On-board graphics card base frequency	300 MHz	Intel Stable Image Platform Program (SIPP) version	0,00
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Secure Key Technology version	1,00
Maximum on-board graphics card memory	32 GB	Intel Virtualization Technology (VT-x)	✓
Number of displays supported (on-board graphics)	3	Intel Smart Response Technology version	1,00
On-board graphics card DirectX version	12.0	Intel TSX-NI version	0,00
On-board graphics card OpenGL version	4.4	Processor ARK ID	95443
On-board graphics card ID	0x5916	Intel® Smart Response Technology	✓
Network		Intel® Turbo Boost Technology	2.0
Ethernet LAN *	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel® Quick Sync Video Technology	✓
Wi-Fi *	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Top Wi-Fi standard	Wi-Fi 4 (802.11n)	Intel® Identity Protection Technology (Intel® IPT)	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Conflict-Free processor	✓
Bluetooth	✓	Power	
Bluetooth version	4.0	Power supply *	90 W
Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Width *	190 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Depth *	190 mm
DVI port	✗	Height *	56,2 mm
HDMI ports quantity *	1	Weight *	1,2 kg
		Display	
		Display included *	✗



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