ASUS

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
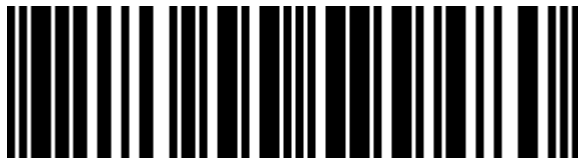
Product code: 90MS00Q1-M00670

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

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	7th gen Intel® Core™ i5
Processor model *	i5-7200U
Processor cores	2
Processor threads	4
Processor boost frequency	3,1 GHz
Processor frequency *	2,5 GHz
Processor socket	BGA 1356
Processor cache	3 MB
Processor cache type	Smart Cache
System bus rate	4 GT/s
Bus type	OPI
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Kaby Lake
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2,7 GHz
Configurable TDP-up	25 W
Configurable TDP-down	7,5 W
Configurable TDP-down frequency	0,8 GHz
Tjunction	100 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	12
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1
Number of processors installed	1
Stepping	H0
Maximum internal memory supported by processor	32 GB
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	✗

Ports & interfaces

DisplayPorts quantity	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
S/PDIF out port	✔
DC-in jack	✔

Design

Chassis type *	Mini PC
Volume	2 L
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Grey

Performance

Product type *	Mini PC

Software

Operating system installed *	Windows 10 Home

Processor special features

Intel® Small Business Advantage (Intel® SBA)	✔
Intel® Wireless Display (Intel® WiDi)	✔
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✗
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✗

Memory

Internal memory *	8 GB
Maximum internal memory *	32 GB
Internal memory type	DDR4-SDRAM
Memory slots	2x SO-DIMM
Memory clock speed	2133 MHz
Memory channels	Dual-channel

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Card reader integrated	✔
Compatible memory cards	MMC, SD, SDHC, SDXC

Graphics

Discrete graphics card *	✔
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA® GeForce® 930M
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR3
On-board graphics card family	Intel® HD Graphics
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

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
DVI port	✖
HDMI ports quantity *	1

Processor special features

Idle States	✔
Thermal Monitoring Technologies	✔
Intel Stable Image Platform Program (SIPP)	✖
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 24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR2ZU
CPU configuration (max)	1
Graphics & IMC lithography	14 nm
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 Smart Response Technology version	1,00
Intel TSX-NI version	0,00
Processor ARK ID	95443
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 *	90 W

Weight & dimensions

Width *	190 mm
Depth *	190 mm
Height *	56,2 mm
Weight *	1,2 kg

Display

Display included *	✖

4712900599480

Catalog Object Cloud