

## ASUS VivoPC VM60-G093R Intel® Core™ i5 i5-3337U 4 GB DDR3-SDRAM 500 GB HDD Windows 8.1 Mini PC Grey, Metallic

**Brand :** ASUS

**Product family:** VivoPC

**Product code:** 90MS0061-M00930

**Product name :** VM60-G093R

Intel Core i5-3337U (3M Cache, 1.8 GHz), 4GB RAM, 500GB HDD, Intel HD Graphics 4000, Windows 8.1 64-bit

ASUS VivoPC VM60-G093R. Processor frequency: 1,8 GHz, Processor family: Intel® Core™ i5, Processor model: i5-3337U. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Card reader integrated. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 8.1, Operating system architecture: 64-bit. Power supply: 65 W. Product type: Mini PC. Weight: 1,2 kg. Product colour: Grey, Metallic



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DC-in jack	✓
Processor family *	Intel® Core™ i5	<b>Design</b>	
Processor generation	3rd gen Intel® Core™ i5	Product colour *	Grey, Metallic
Processor model *	i5-3337U	<b>Performance</b>	
Processor cores	2	Motherboard chipset	Intel HM76 Express
Processor threads	4	Product type *	Mini PC
Processor boost frequency	2,7 GHz	<b>Software</b>	
Processor frequency *	1,8 GHz	Operating system architecture	64-bit
Processor socket	BGA 1023	Operating system installed *	Windows 8.1
Processor cache	3 MB	<b>Processor special features</b>	
Processor cache type	Smart Cache	Intel® Wireless Display (Intel® WiDi)	✓
System bus rate	5 GT/s	Intel 64	✓
Bus type	DMI	Enhanced Intel SpeedStep Technology	✓
FSB Parity	✗	Embedded options available	✗
Processor lithography	22 nm	Intel® Built-in Visuals Technology	✓
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i5-3300 Mobile series	Intel® Insider™	✓
Processor codename	Ivy Bridge	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Thermal Design Power (TDP)	17 W	Intel Clear Video Technology	✗
Tjunction	105 °C	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	2.0	Idle States	✓
Maximum number of PCI Express lanes	16	Thermal Monitoring Technologies	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Number of processors installed	1		
Stepping	L1		
CPU multiplier (bus/core ratio)	18		
Maximum internal memory supported by processor	32 GB		

Processor		Processor special features	
Memory types supported by processor	DDR3-SDRAM, DDR3L-SDRAM	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory clock speeds supported by processor	1333,1600 MHz	Intel® Secure Key	✓
Memory bandwidth supported by processor (max)	25,6 GB/s	Intel Trusted Execution Technology	✗
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Intel HD Graphics	✓
Internal memory *	4 GB	Intel FDI Technology	✓
Maximum internal memory *	16 GB	Intel Flex Memory Access	✓
Internal memory type	DDR3-SDRAM	Intel Fast Memory Access	✓
Memory channels	Dual-channel	Intel® Smart Cache	✓
Storage		Intel Enhanced Halt State	✓
Total storage capacity *	500 GB	Intel Demand Based Switching	✗
Storage media *	HDD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Optical drive type *	✗	Processor package size	31 x 24 (BGA1023)
Number of hard drives installed	1	Supported instruction sets	AVX
Hard drive capacity	500 GB	Processor code	SR0XL
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	MMC, SD	Graphics & IMC lithography	22 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1,00
Discrete graphics card model *	Not available	Intel Secure Key Technology version	1,00
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 4000	Intel Dual Display Capable Technology	✓
On-board graphics card base frequency	350 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Processor ARK ID	72055
Number of displays supported (on-board graphics)	3	Intel® Turbo Boost Technology	2.0
On-board graphics card ID	0x166	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Network		Intel® Quick Sync Video Technology	✓
Ethernet LAN *	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel® Identity Protection Technology (Intel® IPT)	✓
Cabling technology	10/100/1000Base-T(X)	Intel® Anti-Theft Technology (Intel® AT)	✓
Wi-Fi *	✓	Conflict-Free processor	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Integrated 4G WiMAX	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Power	
Bluetooth	✓	Power supply *	65 W
Bluetooth version	4.0	Weight & dimensions	
Ports & interfaces		Width *	190 mm
USB 2.0 ports quantity *	4	Depth *	190 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height *	56,2 mm
VGA (D-Sub) ports quantity	1	Weight *	1,2 kg
DVI port	✗	Packaging content	
HDMI ports quantity *	1	Mouse included	✗
Ethernet LAN (RJ-45) ports	1	Keyboard included	✗
Microphone in	✓		
Headphone outputs	1		
S/PDIF out port	✓		

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