



MSI Aegis Ti3 VR7RE SLI i7-7700K Desktop Intel® Core™ i7 64 GB DDR4-SDRAM 3.51 TB HDD+SSD Windows 10 Home PC Black

Brand : MSI

Product family: Aegis

Product code: 9S6-B91211-036

Product name : Aegis Ti3 VR7RE SLI

Intel Core i7-7700K (8M Cache, 4.20 GHz), 64GB DDR4, 512GB SSD + 3TB SATA HDD, DVD Super Multi, Intel HD Graphics 630 + 2 x NVIDIA GeForce GTX 1080 8GB GDDR5X, Gigabit Ethernet, WLAN 802.11ac, Bluetooth, Windows 10 Home 64-bit

MSI Aegis Ti3 VR7RE SLI. Processor frequency: 4.2 GHz, Processor family: Intel® Core™ i7, Processor model: i7-7700K. Internal memory: 64 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 3.51 TB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 630, Discrete graphics card model: NVIDIA® GeForce® GTX 1080. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Power supply: 850 W. Product type: PC



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	7
Processor generation	7th gen Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor model *	i7-7700K	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor family *	Intel® Core™ i7	DVI port	✗
Processor cores	4	HDMI ports quantity *	3
Processor frequency *	4.2 GHz	PS/2 ports quantity	1
Processor boost frequency	4.5 GHz	Ethernet LAN (RJ-45) ports	1
Processor socket	LGA 1151 (Socket H4)	Microphone in	✓
Processor cache	8 MB	Headphone outputs	1
Processor cache type	Smart Cache	Line-out	✓
Processor threads	8	Line-in	✓
System bus rate	8 GT/s	S/PDIF out port	✓
Bus type	DMI3	Design	
Processor lithography	14 nm	Chassis type *	Desktop
Processor operating modes	64-bit	Placement supported	Vertical
Processor series	Intel Core i7-7700 Desktop series	Product colour *	Black
Processor codename	Kaby Lake	Performance	
Thermal Design Power (TDP)	91 W	Market positioning	Gaming
Tjunction	100 °C	Virtual Reality (VR) ready	✓
PCI Express slots version	3.0	Product type *	PC
Maximum number of PCI Express lanes	16	Software	
PCI Express configurations	1x16, 1x8+2x4, 2x8	Operating system installed *	Windows 10 Home
Number of processors installed	1	Operating system architecture	64-bit
Stepping	B0		
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 64	✓
ECC supported by processor	✗	Enhanced Intel SpeedStep Technology	✓
Memory voltage supported by processor	1.35 V	Embedded options available	✗
Memory		Intel® InTru™ 3D Technology	✓
Internal memory *	64 GB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Maximum internal memory *	64 GB	Intel Clear Video Technology	✓
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	4x SO-DIMM	Intel TSX-NI	✓
Memory clock speed	2400 MHz	Idle States	✓
Memory channels	Dual-channel	Thermal Monitoring Technologies	✓
Storage		Intel Stable Image Platform Program (SIPP)	✗
Card reader integrated	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Total storage capacity *	3.51 TB	Intel® Secure Key	✓
Storage media *	HDD+SSD	Intel® OS Guard	✓
Optical drive type *	DVD Super Multi	Execute Disable Bit	✓
Number of HDDs installed	1	Intel Enhanced Halt State	✓
HDD capacity	3 TB	Intel Software Guard Extensions (Intel SGX)	✓
SSD capacity	512 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Graphics		Processor package size	37.5 x 37.5 mm
Discrete graphics card *	✓	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Discrete graphics card model *	NVIDIA® GeForce® GTX 1080	Processor code	SR338
Discrete graphics memory type	GDDR5X	Scalability	1S
Discrete graphics card memory	8 GB	CPU configuration (max)	1
Number of discrete graphics cards	2	Thermal solution specification	PCG 2015D
On-board graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card model *	Intel® HD Graphics 630	Intel Identity Protection Technology version	1.00
On-board graphics card base frequency	350 MHz	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card dynamic frequency (max)	1150 MHz	Intel Secure Key Technology version	1.00
Maximum on-board graphics card memory	64 GB	Intel Virtualization Technology (VT-x)	✓
Number of displays supported (on-board graphics)	3	Intel TSX-NI version	1.00
On-board graphics card DirectX version	12.0	Processor ARK ID	97129
On-board graphics card OpenGL version	4.4	Intel® Turbo Boost Technology	2.0
On-board graphics card ID	0x5912	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
NVIDIA G-SYNC	✓	Intel® Quick Sync Video Technology	✓
NVIDIA GameWorks VR	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
CUDA	✓	Conflict-Free processor	✓
Graphics card HDMI ports quantity	1	Power	
Graphics card DisplayPorts quantity	3	Power supply *	850 W
Graphics card DVI-D ports quantity	1	Weight & dimensions	
Network		Width *	195 mm
Ethernet LAN *	✓	Depth *	506 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height *	510 mm
Wi-Fi *	✓	Weight *	14.3 kg
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Packaging content	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Display included *	✗
Bluetooth	✓	Cables included	AC
Bluetooth version	4.1	Other features	
Ports & interfaces		Optical drives quantity	1
USB 2.0 ports quantity *	2		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 06-SEP-2023. Prints or copies of Information are only valid on the printed Publication date