



MSI Aegis 12TJ-251US Intel® Core™ i9 i9-12900K 32 GB DDR5-SDRAM 4 TB HDD+SSD NVIDIA GeForce RTX 3090 Windows 11 Home Desktop PC Black



Brand : MSI

Product family: Aegis

Product code: AERS12TJ251

Product name : 12TJ-251US

Intel Core i9-12900K 3.2-5.2 GHz, RTX 3090 24GB, 32GB DDR5 4800 Mhz, 2TB M.2 NVMe SSD, 2TB 3.5" 7200 RPM HDD, Windows 11 Home, 7.1 HD Audio, 850W 80 Plus Gold, LED RGB lighting, 430x215x450 mm, 13.6 kg

MSI Aegis 12TJ-251US Intel® Core™ i9 i9-12900K 32 GB DDR5-SDRAM 4 TB HDD+SSD NVIDIA GeForce RTX 3090 Windows 11 Home Desktop PC Black:

The Aegis RS is built exclusively with MSI components that are tried and true in performance and reliability. All MSI components undergo rigorous quality control to ensure reliability and durability for a superior PC performance. The Aegis RS is built to last with its easy upgradability. Start your journey to becoming an Esports champion with the Aegis RS. A slick matte black desktop with a premium build made exclusively for pro-level gaming. As your game advances, so will the Aegis RS with its simple upgradability. It's built to be your companion for the long road ahead on your quest to becoming the world's best.

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor family *	Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor generation	12th gen Intel® Core™ i9	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor model *	i9-12900K	DisplayPorts quantity	3
Processor cores	16	DisplayPort version	1.4a
Processor threads	24	HDMI ports quantity *	1
Processor boost frequency	5.2 GHz	HDMI version	2.1
Processor frequency *	3.2 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	Headphone outputs	1
Efficient cores	8	Microphone in	✓
Processor cache	30 MB	Total number of SATA connectors	6
Bus type	DMI4	Number of SATA III connectors	6
Memory		Expansion slots	
Internal memory *	32 GB	Number of 3.5" bays	2
Internal memory type	DDR5-SDRAM	PCI Express x1 (Gen 3.x) slots	1
Memory layout (slots x size)	2 x 16 GB	PCI Express x4 (Gen 3.x) slots	1
Memory slots	2x SO-DIMM	PCI Express x4 (Gen 4.x) slots	3
Memory clock speed	4800 MHz	PCI Express x16 (Gen 3.x) slots	2
		PCI Express x16 (Gen 4.x) slots	1
Storage		Power	
Total storage capacity *	4 TB	Power supply *	850 W
Storage media *	HDD+SSD	80 PLUS certification	80 PLUS Gold
Optical drive type *	✗	Design	
Total HDDs capacity	2 TB	Chassis type *	Desktop
Number of HDDs installed	1	Water cooling system	✓
HDD capacity	2 TB		
HDD speed	7200 RPM		
Total SSDs capacity	2 TB		
Number of SSDs installed	1		

Storage		Design	
SSD capacity	2 TB	Product colour *	Black
SSD memory type	TLC	Software	
SSD interface	M.2, NVMe	Operating system installed *	Windows 11 Home
NVMe	✓	Processor special features	
SSD form factor	M.2	Intel 64	✓
Graphics		Enhanced Intel SpeedStep Technology	✓
Discrete graphics card *	✓	Embedded options available	✗
Discrete GPU manufacturer	NVIDIA	Intel VT-x with Extended Page Tables (EPT)	✓
On-board graphics card *	✓	Idle States	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3090	Intel Stable Image Platform Program (SIPP)	✓
Discrete graphics card memory	24 GB	Intel Trusted Execution Technology	✓
Discrete graphics memory type	GDDR6X	Execute Disable Bit	✓
On-board GPU manufacturer	Intel	CPU configuration (max)	1
On-board graphics card model *	Intel UHD Graphics 770	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics card HDMI ports quantity	1	Intel Virtualization Technology (VT-x)	✓
Graphics card DisplayPorts quantity	3	Display	
Performance		Display included *	✗
Market positioning	Gaming	Audio	
Powered by	MSI	Audio chip	Realtek ALC897
Motherboard chipset	Intel Z690	Weight & dimensions	
Product type *	PC	Width *	215 mm
Audio output channels	7.1 channels	Depth *	430 mm
Network		Height *	450 mm
Ethernet LAN *	✓	Weight *	13.6 kg
Ethernet LAN data rates	2500 Mbit/s		
LAN controller	Intel I225-V		
Wi-Fi *	✓		
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		
Bluetooth	✓		
Bluetooth version	5.2		
Ports & interfaces			
USB 2.0 ports quantity *	4		

Catalog Object Cloud



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