



## MSI Aegis 12TF-254US Intel® Core™ i7 i7-12700K 32 GB DDR5-SDRAM 3 TB HDD+SSD NVIDIA GeForce RTX 3080 Ti Windows 11 Home Desktop PC Black

Brand : MSI

Product family: Aegis

Product code: AERS12TF254

Product name : 12TF-254US

Intel Core i7-12700K 3.6-5.0 GHz, RTX 3080 Ti 12GB, 32GB DDR5 4800 Mhz, 1TB 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

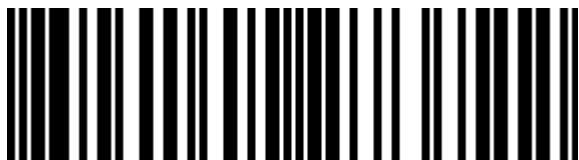
MSI Aegis 12TF-254US Intel® Core™ i7 i7-12700K 32 GB DDR5-SDRAM 3 TB HDD+SSD NVIDIA GeForce RTX 3080 Ti Windows 11 Home Desktop PC Black:

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	HDMI ports quantity *	1
Processor family *	Intel® Core™ i7	HDMI version	2.1
Processor generation	12th gen Intel® Core™ i7	DisplayPorts quantity	3
Processor model *	i7-12700K	DisplayPort version	1.4a
Processor cores	12	Ethernet LAN (RJ-45) ports	1
Processor threads	20	Microphone in	✓
Processor boost frequency	5 GHz	Headphone outputs	1
Processor frequency *	3.6 GHz	Expansion slots	
Performance cores	8	PCI Express x1 (Gen 3.x) slots	1
Efficient cores	4	PCI Express x4 (Gen 3.x) slots	1
Processor cache	25 MB	PCI Express x4 (Gen 4.x) slots	3
Bus type	DMI4	PCI Express x16 (Gen 3.x) slots	2
Memory		PCI Express x16 (Gen 4.x) slots	1
Internal memory *	32 GB	Design	
Internal memory type	DDR5-SDRAM	Chassis type *	Desktop
Memory layout (slots x size)	2 x 16 GB	Water cooling system	✓
Memory clock speed	4800 MHz	Number of 3.5" bays	2
Storage		Number of 2.5" bays	2
Total storage capacity *	3 TB	Product colour *	Black
Storage media *	HDD+SSD	Performance	
Optical drive type *	✗	Market positioning	Gaming
Total HDDs capacity	2 TB	Powered by	MSI
HDD capacity	2 TB	Motherboard chipset	Intel Z690
HDD speed	7200 RPM	Audio chip	Realtek ALC897
HDD size	3.5"	Audio output channels	7.1 channels
Total SSDs capacity	1 TB	Product type *	PC
SSD capacity	1 TB		
SSD interface	M.2, NVMe		

Storage		Software	
NVMe	✓	Operating system installed *	Windows 11 Home
SSD form factor	M.2	<b>Processor special features</b>	
Graphics		Intel 64	✓
Discrete graphics card *	✓	Enhanced Intel SpeedStep Technology	✓
Discrete GPU manufacturer	NVIDIA	Embedded options available	✗
Discrete graphics card model *	NVIDIA GeForce RTX 3080 Ti	Intel VT-x with Extended Page Tables (EPT)	✓
Discrete graphics card memory	12 GB	Idle States	✓
Discrete graphics memory type	GDDR6X	Intel Stable Image Platform Program (SIPP)	✓
Graphics card HDMI ports quantity	1	Intel Trusted Execution Technology	✓
Graphics card DisplayPorts quantity	3	Execute Disable Bit	✓
Network		CPU configuration (max)	1
Ethernet LAN *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
LAN controller	Intel I225-V	Intel Virtualization Technology (VT-x)	✓
Wi-Fi *	✓	Power	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Power supply *	850 W
Wi-Fi standards	Wi-Fi 6E (802.11ax)	80 PLUS certification	80 PLUS Gold
Bluetooth	✓	Weight & dimensions	
Bluetooth version	5.2	Width *	215 mm
Ports & interfaces		Depth *	430 mm
USB 2.0 ports quantity *	4	Height *	450 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Weight *	13.6 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Display	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Display included *	✗
USB 3.2 Gen 2x2 Type-C ports quantity	1		



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### Catalog Object Cloud



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