



Acer NITRO 50 N50-640 Intel® Core™ i5 i5-12400F 16 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA GeForce RTX 3060 Windows 11 Home Desktop PC Black

Brand : Acer

Product family: NITRO

Product code: DG.E30AA.002

Product name : N50-640

- Windows 11 Home 64-bit
- Intel Core i5-12400F (18MB Cache)
- NVIDIA GeForce RTX 3060 (12GB GDDR6)
- 16GB DDR4-SDRAM & 1000GB HDD, 512GB SSD
Intel Core i5-12400F (18MB Cache), 16GB DDR4-SDRAM, 1000GB HDD, 512GB SSD, NVIDIA GeForce RTX 3060 (12GB GDDR6), LAN, WLAN, Windows 11 Home 64-bit
Acer NITRO 50 N50-640. Processor family: Intel® Core™ i5, Processor model: i5-12400F. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1.51 TB, Storage media: HDD+SSD. Discrete graphics card model: NVIDIA GeForce RTX 3060. Wi-Fi. Operating system installed: Windows 11 Home, Operating system architecture: 64-bit. Power supply: 500 W. Chassis type: Desktop. Product type: PC. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor family *	Intel® Core™ i5	Bluetooth	✓
Processor generation	12th gen Intel® Core™ i5	Ports & interfaces	
Processor model *	i5-12400F	USB 2.0 ports quantity *	4
Processor cores	6	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor boost frequency	4.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor cache	18 MB	USB 3.2 Gen 2x2 Type-C ports quantity	1
Bus type	DMI4	Ethernet LAN (RJ-45) ports	1
Number of processors installed	1	Headphone outputs	1
Memory		Line-out	✓
Internal memory *	16 GB	Line-in	✓
Maximum internal memory *	32 GB	Microphone in	✓
Internal memory type	DDR4-SDRAM	Expansion slots	
Storage		PCI Express x1 slots	1
Total storage capacity *	1.51 TB	PCI Express x16 slots	1
Storage media *	HDD+SSD	Power	
Optical drive type *	✗	Power supply *	500 W
Number of storage drives installed	2	Design	
Total HDDs capacity	1 TB	Chassis type *	Desktop
Number of HDDs installed	1		
HDD capacity	1 TB		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		

Storage		Design	
SSD capacity	512 GB	Placement supported	Vertical
Graphics		Product colour *	Black
		Software	
Discrete graphics card *	✓	Operating system architecture	64-bit
On-board graphics card *	✗	Operating system installed *	Windows 11 Home
Discrete graphics card model *	NVIDIA GeForce RTX 3060	Processor special features	
Discrete graphics card memory	12 GB	Intel 64	✓
Discrete graphics memory type	GDDR6	Enhanced Intel SpeedStep Technology	✓
Number of discrete graphics cards	1	Embedded options available	✗
On-board graphics card model *	Not available	Intel VT-x with Extended Page Tables (EPT)	✓
Graphics card HDMI ports quantity	1	Idle States	✓
Graphics card DisplayPorts quantity	3	Execute Disable Bit	✓
Performance		CPU configuration (max)	1
Market positioning	Gaming	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Product type *	PC	Intel Virtualization Technology (VT-x)	✓
Network		Display	
Ethernet LAN *	✓	Display included *	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	Audio	
Wi-Fi *	✓	Audio system	DTS:X Ultra
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Weight & dimensions	
		Width *	175 mm
		Depth *	386 mm
		Height *	392 mm



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