



Acer NITRO 50 N50-640 Intel® Core™ i5 i5-12400F 16 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA GeForce RTX 3050 Windows 11 Home Desktop PC Black

Brand : Acer

Product family: NITRO

Product code: DG.E30AA.004

Product name : N50-640

- Windows 11 Home 64-bit
- Intel Core i5-12400F (18MB Cache)
- NVIDIA GeForce RTX 3050 (8GB GDDR6)
- 16GB DDR4-SDRAM & 1000GB HDD, 512GB SSD
Intel Core i5-12400F (18MB Cache), 16GB DDR4-SDRAM, 1000GB HDD, 512GB SSD, NVIDIA GeForce RTX 3050 (8GB GDDR6), LAN, WLAN, Bluetooth, 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 3050. Wi-Fi. Operating system installed: Windows 11 Home, Operating system architecture: 64-bit. Chassis type: Desktop. Product type: PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	4
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	12th gen Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor model *	i5-12400F	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor cores	6	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.4 GHz	Headphone outputs	1
Processor cache	18 MB	Line-out	✓
Bus type	DMI4	Line-in	✓
Number of processors installed	1	Microphone in	✓
Memory		Expansion slots	
Internal memory *	16 GB	PCI Express x1 slots	1
Maximum internal memory *	32 GB	PCI Express x16 slots	1
Internal memory type	DDR4-SDRAM	Design	
Storage		Chassis type *	Desktop
Total storage capacity *	1.51 TB	Placement supported	Vertical
Storage media *	HDD+SSD	Product colour *	Black
Optical drive type *	✗	Software	
Number of storage drives installed	2	Operating system architecture	64-bit
Total HDDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of HDDs installed	1		
HDD capacity	1 TB		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		

Storage		Processor special features	
SSD capacity	512 GB	Intel 64	✓
SSD interface	PCI Express	Enhanced Intel SpeedStep Technology	✓
Graphics		Embedded options available	✗
Discrete graphics card *	✓	Intel VT-x with Extended Page Tables (EPT)	✓
On-board graphics card *	✗	Idle States	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Execute Disable Bit	✓
Discrete graphics card memory	8 GB	CPU configuration (max)	1
Discrete graphics memory type	GDDR6	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
Performance		Display	
Market positioning	Gaming	Display included *	✗
Product type *	PC	Audio	
Network		Audio system	DTS:X Ultra
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width *	175 mm
Wi-Fi *	✓	Depth *	386 mm
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Height *	392 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Bluetooth	✓		



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