



# Acer NITRO 50 N50-650 Intel® Core™ i5 i5-13400F 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Windows 11 Home Desktop PC Black

**Brand :** Acer

**Product family:** NITRO

**Product code:** DG.E3GEK.006

**Product name :** N50-650

- Windows 11 Home 64-bit
- Intel Core i5-13400F (20MB Cache)
- NVIDIA GeForce RTX 3060 (12GB GDDR6)
- 16GB DDR4-SDRAM & 1000GB SSD

Intel Core i5-13400F (20MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, NVIDIA GeForce RTX 3060 (12GB GDDR6), LAN, Windows 11 Home 64-bit

Acer NITRO 50 N50-650. Processor family: Intel® Core™ i5, Processor model: i5-13400F. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 3060. 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 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor generation	13th gen Intel® Core™ i5	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor model *	i5-13400F	Ethernet LAN (RJ-45) ports	1
Processor cores	10	Microphone in	✓
Efficient-core base frequency	1.8 GHz	Headphone outputs	1
Processor boost frequency	4.6 GHz	Line-out	✓
Efficient-core boost frequency	3.3 GHz	Line-in	✓
Processor cache	20 MB	Expansion slots	
Processor cache type	Smart Cache	PCI Express x1 slots	1
Number of processors installed	1	PCI Express x16 slots	1
Memory		Design	
Internal memory *	16 GB	Chassis type *	Desktop
Maximum internal memory *	32 GB	Placement supported	Vertical
Internal memory type	DDR4-SDRAM	Product colour *	Black
Storage		Performance	
Total storage capacity *	1 TB	Market positioning	Gaming
Storage media *	SSD	Audio system	DTS:X Ultra
Optical drive type *	✗	Product type *	PC
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express		

Graphics		Software	
Discrete graphics card *	✓	Operating system installed *	Windows 11 Home
On-board graphics card *	✗	Operating system architecture	64-bit
Discrete graphics card model *	NVIDIA GeForce RTX 3060	Processor special features	
Discrete graphics memory type	GDDR6	Intel 64	✓
Discrete graphics card memory	12 GB	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	✓
Network		CPU configuration (max)	1
Ethernet LAN *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel Virtualization Technology (VT-x)	✓
Ports & interfaces		Sustainability	
USB 2.0 ports quantity *	4	Sustainability certificates	RoHS
		Weight & dimensions	
		Width *	175 mm
		Depth *	386 mm
		Height *	392 mm
		Packaging content	
		Display included *	✗
		Cables included	AC



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