



## 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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### Catalog Object Cloud



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