

**Operating System**

|                               |                 |
|-------------------------------|-----------------|
| Operating System              | Windows 11 Home |
| Operating System Architecture | 64-bit          |

**Processor**

|                        |                     |
|------------------------|---------------------|
| Processor Manufacturer | Intel®              |
| Processor Type         | Core™ i7            |
| Processor Model        | i7-11800H           |
| Processor Speed        | 2.30 GHz            |
| Processor Core         | Octa-core (8 Core™) |
| Processor Generation   | 11th Gen            |

**Display & Graphics**

|                                  |                      |
|----------------------------------|----------------------|
| Graphics Controller Manufacturer | NVIDIA®              |
| Graphics Controller Model        | GeForce® RTX™ 3050Ti |
| Graphics Memory Capacity         | 4 GB                 |
| Graphics Memory Technology       | GDDR6                |
| Graphics Memory Accessibility    | Dedicated            |
| GPU Boost Clock                  | Up to 1485 MHz       |
| Maximum Graphics Power           | Up to 75 W           |
| Screen Size                      | 15.6"                |
| Display Screen Type              | LCD                  |
| Backlight Technology             | LED                  |
| Screen Resolution                | 1920 x 1080          |
| Standard Refresh Rate            | 144 Hz               |

**Memory**

|                               |            |
|-------------------------------|------------|
| Total Installed System Memory | 8 GB       |
| System Memory Technology      | DDR4 SDRAM |
| Memory Card Reader            | No         |

**Storage**

|                                  |             |
|----------------------------------|-------------|
| Total Solid State Drive Capacity | 512 GB      |
| Solid State Drive Interface      | PCI Express |
| Optical Drive Type               | No          |

**Network & Communication**

|                       |                           |
|-----------------------|---------------------------|
| Wireless LAN Standard | IEEE 802.11 a/b/g/n/ac/ax |
| Wireless LAN Model    | Wi-Fi 6 AX 1650i          |
| Ethernet Technology   | Gigabit Ethernet          |
| Bluetooth Standard    | Bluetooth 5.2             |

**Built-in Devices**

|                     |     |
|---------------------|-----|
| Microphone          | Yes |
| Finger Print Reader | No  |

**Interfaces/Ports**

|                                      |  |
|--------------------------------------|--|
| HDMI                                 | Yes  |
| Number of HDMI Outputs               | 1  |
| Number of USB 3.2 Gen 1 Type-A Ports | 2  |
| Number of USB 3.2 Gen 2 Type-A Ports | 1  |
| Number of USB 3.2 Gen 2 Type-C Ports | 1  |
| Total Number of USB Ports            | 4  |
| USB Type-C                           | Yes  |
| USB Type-C Detail                    | USB Type-C Port: USB 3.2 Gen 2 (up to 10 Gbps) |
| Network (RJ-45)                      | Yes  |

**Input Devices**

|                      |                     |
|----------------------|---------------------|
| Pointing Device Type | TouchPad            |
| Keyboard             | Yes                 |
| TouchPad Features    | Multi-touch Gesture |

**Battery Information**

|                          |                      |
|--------------------------|----------------------|
| Number of Cells          | 4-cell               |
| Battery Chemistry        | Lithium Ion (Li-Ion) |
| Maximum Battery Run Time | 8 Hours              |

**Power Description**

|                              |       |
|------------------------------|-------|
| Maximum Power Supply Wattage | 180 W |
|------------------------------|-------|

**Physical Characteristics**

|                      |             |
|----------------------|-------------|
| Height               | 0.94"       |
| Width                | 14.3"       |
| Depth                | 10"         |
| Weight (Approximate) | 5.07 lb     |
| Product Color        | Shale Black |

**Miscellaneous**

|                   |   |
|-------------------|---|
| Package Contents  | Nitro 5 AN515-57-79TD Gaming Notebook<br>Lithium Ion Battery<br>AC Adapter  |
| Security Features | Firmware Trusted Platform Module (TPM) solution<br>Kensington lock slot<br>BIOS Passwords:<br>User<br>Supervisor<br>HDD |



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

NVIDIA GPU Boost: <https://www.nvidia.com/en-us/geforce/technologies/gpu-boost/technology/>

Maximum Graphics Power is the highest GPU subsystem power supported in any mode, including Dynamic Boost 2.0 power transfer. The data listed is in accordance with NVIDIA guidelines and differs per system and GPU.

To use Type-C capabilities on certain models, please turn the setting on by going to the OSD and selecting 'System'=>'Power-off USB Charge'=>'On'