

Operating System

Operating System | Windows 11 Home

Operating System Architecture | 64-bit

Processor

Processor Manufacturer | Intel®

Processor Type | Core™ i7

Processor Model | i7-12700H

Processor Speed | 2.30 GHz

Processor Core | Tetradeca-core (14 Core™)

Processor Generation | 12th Gen

Display & Graphics

Graphics Controller Manufacturer | NVIDIA®

Graphics Controller Model | GeForce® RTX™ 3070Ti

Graphics Memory Capacity | 8 GB

Graphics Memory Technology | GDDR6

Graphics Memory Accessibility | Dedicated

GPU Boost Clock | Up to 1035 MHz

Maximum Graphics Power | Up to 115 W

Screen Size | 16"

Display Screen Type	LCD
Backlight Technology	LED
Screen Resolution	2560 x 1600
Standard Refresh Rate	240 Hz

Memory

Total Installed System Memory	16 GB
System Memory Technology	DDR5 SDRAM
Memory Card Reader	No

Storage

Total Solid State Drive Capacity	1 TB
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	Wireless Wi-Fi 6E 1675i
Ethernet Technology	Gigabit Ethernet
Bluetooth Standard	Bluetooth 5.1 or above

Built-in Devices

Microphone	Yes
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Finger Print Reader	Yes
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Interfaces/Ports

HDMI	Yes
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Number of HDMI Outputs	1
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Number of USB 3.2 Gen 2 Type-A Ports	2
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Number of USB 3.2 Gen 2 Type-C Ports	1
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Total Number of USB Ports	3
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USB Type-C	Yes
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USB Type-C Detail	USB Type-C port supporting: USB 3.2 Gen 2 (up to 10 Gbps), DisplayPort over USB-C, Thunderbolt 4, USB charging 5 V; 3 A, DC-in port 20 V; 65 W
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Network (RJ-45)	Yes
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Input Devices

Pointing Device Type	TouchPad
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Keyboard	Yes
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Keyboard Backlight	Yes
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TouchPad Features	Multi-touch Gesture
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Battery Information

Number of Cells	4-cell
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Battery Chemistry	Lithium Ion (Li-Ion)
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Battery Energy	99.98 Wh
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Power Description

Maximum Power Supply Wattage	230 W
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Physical Characteristics

Height	0.86"
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Height (Front)	0.78"
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Height (Rear)	0.86"
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Width	14.1"
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Depth	10.3"
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Weight (Approximate)	5.29 lb
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Product Color	Sparkly Silver
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Miscellaneous

Package Contents	Predator Triton 300 SE PT316-51s-7362 Gaming Notebook Lithium Ion Battery AC Adapter
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Security Features	Firmware Trusted Platform Module (TPM) solution Kensington lock slot BIOS Passwords: User Supervisor
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