**PREDATOR**



# PREDATOR TRITON 900
## PT917-71

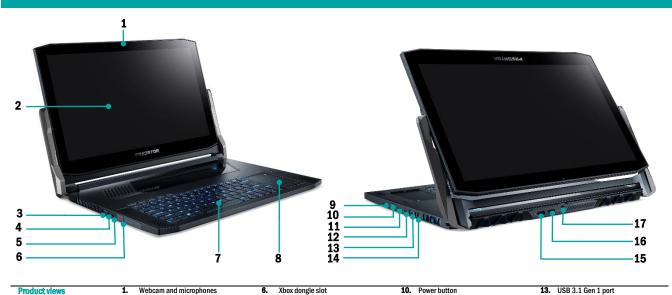Windows 10

(intel) CORE i7 8th Gen

NVIDIA
Overclockable
GeForce RTX™
2080

NVIDIA
G-SYNC™
G-SYNC

3840
×2160
ULTRA HD
Resolution

4ᵗʰ Gen
AeroBlade™ 3D
Technology

Overclocking

Killer
DoubleShot™ Pro

A
Backlit
RGB keyboard

## Product views

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | Webcam and microphones | 6. | Xbox dongle slot | 10. | Power button | 13. | USB 3.1 Gen 1 port |
| 2. | 17.3" LCD display | 7. | RGB Mechanical Keyboard | 11. | Thunderbolt™ 3 / USB Type-C™ port (USB 3.1 Gen 2) | 14. | Ethernet (RJ-45) port |
| 3. | USB 3.1 Gen 1 port | 8. | Touchpad / Numeric keypad | | | 15. | DisplayPort |
| 4. | Mic-in jack | 9. | Noble lock slot | 12. | USB Type-C™ port (USB 3.1 Gen 1 / DisplayPort) | 16. | HDMI® port |
| 5. | Headset/speaker jack | | | | | 17. | Power connector (DC-in) |

| | |
|---|---|
| **Operating system[1, 2]** | Windows 10 Home 64-bit |
| **CPU and chipset[1]** | Intel® Core™ I7-8750H processor 9 MB Smart Cache, 2.2 GHz with Turbo Boost up to 4.1 GHz, DDR4, 45 W)     Intel® HM370 Mobile PCH chipset |
| **Memory[1, 3, 4, 5]** | Dual-channel DDR4 SDRAM support:<br>• 32 GB of DDR4 system memory (2x 16GB), upgradable to 32 GB using two soDIMM modules |
| **Display[6]** | 17.3" display with IPS (In-Plane Switching) technology, Ultra HD 3840 x 2160, high-brightness (400 nits), high color gamut (100% Adobe RGB), Acer ComfyView™ LED-backlit TFT LCD, supporting multi-touch and G-sync.<br>• 16:9 aspect ratio<br>• Wide viewing angle up to 170 degrees<br>• Mercury free, environment friendly |
| **Graphics[1]** | NVIDIA® GeForce® RTX 2080 with 8 GB of dedicated GDDR6 VRAM<br>supporting NVIDIA® CUDATM, PhysXTM, Real-Time Ray Tracing, ShadowPlayTM technology, GameStreamTM technology, Ansel technology, Highlights technology, GPU BoostTM technology, BatteryBoost technology, WhisperMode technology, VR Ready, Game Ready Drivers, Microsoft®DirectX® 12 API, Vulkan API, OpenGL 4/5. |
| **Audio** | • Waves MaxxAudio® sound technology<br>• Acer Purified.Voice technology with two built-in microphones<br>• Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound     • Compatible with Cortana with Voice<br>• Certified for Skype for Business<br>• Four built-in stereo speakers with passive radiator |
| **Storage[1]** | Solid state drive:<br>• 2x M.2 PCIe NVMe slots supports RAID 0 configurations<br>• 1 TB NVMe (2x 512GB), RAID 0 SSD |
| **Webcam[1]** | FHD webcam with 1920 x 1080 resolution, 1080p FHD audio/video recording and Super high dynamic range imaging (SHDR) |
| **Wireless and networking[1]** | **WLAN:**<br>• Killer™ Wireless-AC 1550 / 1550i<br>• 802.11a/b/g/n/ac wireless LAN<br>• Dual Band (2.4 GHz and 5 GHz)<br>• 2x2 MU-MIMO technology<br>• Support Bluetooth® 5.0     **WPAN:**<br>• Bluetooth® 5.0<br>**LAN:**<br>• Killer™ Ethernet E3000<br>• Gigabit Ethernet<br>• Wake-on-LAN ready |
| **Privacy control** | BIOS user, supervisor, HDD passwords<br>Noble lock |
| **Dimensions and weight[7, 8]** | **Dimensions:** 428 (W) x 303.3 (D) x 23.75 (H) mm<br>**Weight:** 4.4 kg with 4-cell battery pack |
| **Power adapter and battery[9]** | **Power adapter:** 3-pin 330 W AC adapter 200 (W) x 100 (D) x 43 (H) mm,  1400 g with 180 cm DC cable<br>**Battery:** 71.9 Wh 4670 mAh 15.4 V 4-cell Li-ion battery pack<br>Battery life up to 3 hours (based on MobileMark® 2014 test results) |
| **Input and control** | **Control Keys:**<br>Turbo key<br>**Keyboard:** 82-/83-/86-key, 80% full-size keyboard with international language support<br>• Mechanical switches<br>• 100% anti-ghosting<br>• RGB backlight     **Touchpad:** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands<br>• Microsoft Precision Touchpad certification<br>• Moisture resistant<br>• Illuminated Numeric Touchpad<br>• Double clicking the Numberpad icon to return to normal Touchpad Mode |
| **Windows Desktop Apps[10]** | • Acer Care Center     • Acer Collection     • Acer Product Registration<br>• PredatorSense     • Acer Configuration Manager     • Quick Access |
| **Warranty** | 2 Year warranty with one-year International Travelers Warranty (ITW) |
| **Part number / EAN** | NH.Q4VEH.004 / 4710180198843 |
| **Description** | Predator Triton 900 PT917-71-70WT - 17.3" 4k UHD Multi-Touch IPS - Intel® Core™ i7-8750H processor - 32GB DDR4 - 1TB PCIe NVMe SSD RAID 0 (2x 512GB) - NVIDIA® GeForce® RTX 2080 8GB GDDR6 - No ODD - Mobile Intel® HM370 - Killer™ Wireless-AC 1550 + BT 5 - 4-cell battery - FHD webcam - Windows 10 Home - Backlit AZERTY Keyboard + Numpad |

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
3. Shared system memory may be allocated to support graphics, depending on system memory size and other factors.
   Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.
4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
7. Minor variations in system dimensions are possible due to the manufacturing process.
8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
9. Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.
10. Bundled software may vary depending on hardware configuration, OS and regional availability.

**About Acer**
Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.