

**A computer tower with colorful lights

Description automatically generated**

**PREDATOR** **ORION 7000**

SPECIFICATIONS PREDATOR ORION 7000 PO7-660

A black computer tower with colorful lights

Description automatically generatedA back of a computer

Description automatically generated

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| **Product views** | 1. M.2 SSD Hot Swap Bay 2. Two USB 3.2 Gen 1 (5 Gbps) Type-A ports 3. Headset/Microphone jacks 4. USB 3.2 Gen 1 (5 Gbps)   Type-A port | 1. USB 3.2 Gen 1 (5 Gbps)   Type-CTM port   1. Power button 2. Thunderbolt™ 4 Type-CTM port 3. Three USB 3.2 Gen 2 (10 Gbps) Type-A ports | | | 1. Two USB 2.0 (480 Mbps) Type-A ports 2. Audio jacks 3. Power connector 4. Ethernet (RJ-45) port |
| **Operating system**1, 2 | ESHELL | | | | |
| **CPU and chipset**1 | **Intel® Core™ Ultra 9** processor **285K**  Chipset: Intel® Z890 Chipset  (Notice: The device is compatible with Thunderbolt™ data while using Intel KF series processor.) | | | | |
| **Memory**1, 3, 4 | 32 GB DDR5 5600 MHz RGB  Up to 128 GB of Dual-channel DDR5 4400 MHz | | | | |
| **Storage**1, 5 | **Hard disk drive**   * 1024 GB M.2 2280 PCI-e Gen4 SSD | | | | |
| **Graphics**6 | **NVIDIA® GeForce RTX™ 5090** with 32 GB of GDDR7 | | | | |
| **Audio** | DTS:X® Ultra | | | | |
| **Communication**7 | **WLAN**   * 802.11ax/ac/a/b/g/n, Wi-Fi 6E and Bluetooth® 5.3 | | | | |
| **Expansion slot(s)** | M.2 slot (for SSD): 3  M.2 slot (for WLAN): 1 | | | PCIe x16 slot(s): 1 | |
| **Windows Desktop Apps**8 | **In-House**   * Acer Care Center * Acer Product Registration * Acer User Experience Program Framework * Quick Access * Storage Utilities | | | **Search**   * PredatorSense V4   **Games**   * PLANET9 Stub   **Lifestyle**   * Intel® Unison™ * Acer Intelligence Space | |
| **Dimensions** | 219 (W) x 504.8 (D) x 485 (H) mm (8.62 x 19.87 x 19.09 inches) | | | | |
| **Power supply and adapter** | **Power supply**   * 1200 W, 80 PLUS Platinum, ATX | | | | |
| **System compliance** | RoHS | | | | |
| **Options and accessories** | USB keyboard and mouse | | | | |
| **Certification** | BSMI, CE, FCC, CB | | | | |
| 1. Specifications vary depending on model. 2. 64-bit software is required to enjoy the advantages of 64-bit processing. 3. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory. 4. Memory speed may vary, depending on the CPU, chipset or memory fitted. 5. 1 GB is 1 billion bytes, Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space. | | | 1. Total available graphics memory comprises dedicated video memory, system memory, and shared system memory. This figure will vary depending on system memory, installed drivers, BIOS settings and other factors. 2. The wireless frequency bands vary across different countries. Actual performance may differ based on national frequency regulations and legal requirements. 3. Bundled software may vary depending on hardware configuration, OS and regional availability. | | |