



Acer Predator Orion 7000

Predator Orion 7000 (P07-660)

Beacon of Night



- Processor: Intel® Core™ Ultra 9 285K
- Memory: 64 GB DDR5 RAM RGB (2 x 32 GB), Up to 128 GB Dual-Channel DDR5 6000 MHz XMP RGB
- Hard drive: 2048 GB M.2 PCIe SSD
- Graphics card: NVIDIA® GeForce® RTX™ 5090 (32 GB GDDR7)
- Operating system: Windows 11 Home (64 Bit)





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SPECIFICATIONS



Ordering Information

Model	Predator Orion 7000 (P07-660)
Temp P/N	DTACG_DG.E4DEG.009
Acer P/N	DG.E4DEG.009
EAN	4711474318480
Factory Location	China
Form factor	Gaming Desktop
Short description	Intel® Core™ Ultra 9 285K / 64 GB DDR5 RAM RGB / 2048 GB M.2 PCIe SSD / NVIDIA® GeForce® RTX™ 5090 (32 GB GDDR7) / Windows 11 Home (64 Bit)

Processor

Processor	Intel® Core™ Ultra 9 processor 285K
Cache	36 MB
Clock frequency	Up to 5.7 GHz
Processing cores / threads	24 / 24
NPU	Intel® AI Boost (up to 36 TOPS)

Graphics card

Graphics card	NVIDIA® GeForce® RTX™ 5090 (32 GB GDDR7)
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Storage and drives

Memory	64 GB DDR5 RAM RGB (2 x 32 GB)
Maximum RAM	Up to 128 GB Dual-Channel DDR5 6000 MHz XMP RGB
Mass storage	2048 GB M.2 PCIe Solid-State-Drive (SSD)
Optical drive	-

IO ports

VGA ports	-
DVI ports	-
HDMI ports	1x
Displayports	3x
PS/2 ports	-
PCI expansion slots	1x PCIe x16, 3x M.2 (SSD), 1x M.2 (WLAN)
Audio ports back	3x
Audio ports front	2x
Rear USB ports	1x Thunderbolt 4 Type-C, 3x USB 3.2 Gen 2 Type A, 2x USB 2.0 Type A
Front USB ports	3x USB 3.2 Gen 1 Type A, 1x USB 3.2 Gen 1 Type-C
Ethernet (RJ45)	1x
Cardreader	-

Connections

WLAN	Intel® Wi-Fi 7, Bluetooth® 5.3
Ethernet technology	Gigabit-LAN

Software

Operating system	Windows 11 Home (64 Bit)
Office software	1 month trial for new Microsoft 365 customers. Credit card required
Other software	Acer Care Center, Acer Configuration Manager, Acer Product Registration, Quick Access

Power supply and consumption

Power adapter	1200 watts power supply
Power efficiency	89+

Scope of delivery

Keyboard	USB - Predator keyboard RGB
Mouse	USB - Predator mouse RGB
Guarantee booklet	Yes
External power supply	Yes



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Norms and Standards

Audio standard	DTS:X® Ultra
ENERGY STAR®	Yes
CB	Yes
FCC	Yes
BSMI	Yes
RoHS	Yes
CE	Yes

Others

Warranty	2 years Mail-In/Return Service incl. Predator Premium Service
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Dimensions and weight

Number of devices per pallet (S/F or Truck)	18
Number of devices per pallet (A/F)	12
Weight (kg)	approx. 18.5
Housing dimensions (W x H x D in mm)	219 x 485 x 504.8
Carton dimensions / weight (W x H x D)	329 x 665 x 587 mm

Special features

Special features	CycloneX 360 + CPU Liquid Cooler
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