Acer Predator Orion 7000

Predator Orion 7000 (PO7-660)

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)

Acer Predator Orion 7000 (P07-660) SPECIFICATIONS







Ordering Information

Model	Predator Orion 7000 (P07-660)
Temp P/N	DTAEE_DG.E4DEX.001
Acer P/N	DG.E4DEX.001
EAN	4711474433855
Factory Location	China
Form factor	Gaming Desktop
Country	Baltics
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)

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

Scope of delivery

Keyboard	-
Mouse	-
Guarantee booklet	Yes
Power supply / power cable	Yes

Acer Predator Orion 7000 (P07-660) SPECIFICATIONS

Norms and Standards

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

Dimensions and weight

Number of devices per pallett (S/F or Truck)	18
Number of devices per pallet (A/F)	12
Weight (kg)	approx. 19.8
Housing dimensions (W x H x D in mm)	219 x 485 x 505
Carton dimensions / weight (W x H x D)	596 x 645 x 330 mm, approx. 23.7 kg

Special features

Special features	CycloneX 360 + CPU Liquid Cooler

This data sheet is subject to change without notice. Availability may vary from region to region. Acer is not liable for any errors or omissions contained in the product descriptions. In addition to the standard warranty conditions, the statutory warranty regulations also apply to consumers. For more information on exclusions and limitations, please refer to our warranty conditions for the respective product. If the warranty period in the PDF document for the warranty conditions differs from the information on the Acer homepage, the information given on this website applies and not the information contained in the PDF. Copyright 2024 Acer, Inc. all rights reserved. Acer and the Acer logo are registered trademarks of Acer Incorporated. All other trademarks, registered trademarks and/or service marks mentioned or otherwise recognizable are the property of their respective owners. All prices quoted are manufacturer's suggested retail prices.