



Acer Predator PO3-655 Gaming Desktop - Intel Core i7-14700F, 16GB, 1TB SSD, Nvidia RTX 4070 Super, N/A, Windows 11, Black

Brand : Acer

Product family: Predator

Product code: DG.E45EK.005

Product name : Acer Predator PO3-655 Gaming Desktop - Intel Core i7-14700F, 16GB, 1TB SSD, Nvidia RTX 4070 Super, N/A, Windows 11, Black

Intel Core i7-14700F (33MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, NVIDIA GeForce RTX 4070 SUPER (12GB GDDR6X), LAN, Windows 11 Home

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Within the confines of the Orion 3000 lays a monster in wait – a powerful, compact PC eager to put its 13th Gen Intel Core™ i7 processor with its new performance hybrid architecture to the test.

BOOST PERFORMANCE WITH AI

NVIDIA DLSS gives games a speed boost with uncompromised image quality. Crank up the settings and resolution for an even better visual experience.

MORE IMMERSIVE EXPERIENCES

Ray Tracing is the holy grail of graphics. It simulates how light behaves in the real-world to produce the most realistic and immersive graphics for gamers and creators – and runs fast thanks to 2nd gen RT Cores.

DIRECTX 12 ULTIMATE

GeForce RTX graphics cards deliver advanced DX12 features like ray tracing and variable rate shading, bringing games to life with ultra-realistic visual effects and faster frame rates.



| Processor | | Graphics | |
|--------------------------------------|----------------------------|---|--------------------|
| Processor manufacturer * | Intel | Discrete graphics memory type | GDDR6X |
| Processor family * | Intel® Core™ i7 | On-board graphics card model * | Not available |
| Processor generation | Intel® Core™ i7 (14th gen) | Network | |
| Processor model * | i7-14700F | Ethernet LAN * | ✓ |
| Processor cores | 20 | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Processor threads | 28 | Wi-Fi * | ✗ |
| Processor boost frequency | 5.4 GHz | Ports & interfaces | |
| Performance cores | 8 | USB 2.0 ports quantity * | 4 |
| Efficient cores | 12 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Performance-core Max Turbo Frequency | 5.3 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| Efficient-core Max Turbo Frequency | 4.2 GHz | USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Performance-core base frequency | 2.1 GHz | HDMI ports quantity * | 1 |
| Efficient-core base frequency | 1.5 GHz | DisplayPorts quantity | 3 |
| Processor cache | 33 MB | Ethernet LAN (RJ-45) ports | 1 |
| Processor cache type | Smart Cache | Line-out | ✓ |
| Processor base power | 65 W | Line-in | ✓ |
| Maximum turbo power | 219 W | Combo headphone/mic port | ✓ |
| Memory | | Expansion slots | |
| Internal memory * | 16 GB | PCI Express x1 slots | 1 |
| Maximum internal memory * | 64 GB | PCI Express x16 slots | 1 |
| Internal memory type | DDR5-SDRAM | Design | |
| Memory slots | 4x DIMM | Chassis type * | Desktop |
| Storage | | Placement supported | Vertical |
| Total storage capacity * | 1 TB | Product colour * | Black |
| Storage media * | SSD | | |
| Optical drive type * | ✗ | | |
| Total SSDs capacity | 1 TB | | |

| Storage | | Performance | |
|--------------------------------|-------------------------------|------------------------------|-----------------|
| Number of SSDs installed | 1 | Market positioning | Gaming |
| SSD capacity | 1 TB | Product type * | PC |
| SSD interface | PCI Express 4.0 | Software | |
| SSD form factor | M.2 | Operating system installed * | Windows 11 Home |
| Graphics | | Power | |
| Discrete graphics card * | ✓ | Power supply * | 750 W |
| Discrete GPU manufacturer | NVIDIA | Weight & dimensions | |
| On-board graphics card * | ✗ | Width * | 175 mm |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 SUPER | Depth * | 377 mm |
| Discrete graphics card memory | 12 GB | Height * | 385 mm |
| | | Package width | 300 mm |
| | | Package depth | 495 mm |
| | | Package height | 515 mm |
| | | Package weight | 11.8 kg |
| | | Packaging content | |
| | | Display included * | ✗ |



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