

GIGABYTE AORUS Gen5 14000 4 TB M.2 PCI Express 5.0 NVMe 3D TLC NAND

Gamintojas: **GIGABYTE** · Modelis: **AG514K4TB** · EAN: **4719331862596** · Prekės kodas: **705722**



797,90 €

Kaina su PVM

Be PVM: **659,42 €**

[Sandėlyje](#)



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Form Factor: M.2 2280
- ✓ Interface: PCI-Express 5.0 x4, NVMe 2.0
- ✓ Total Capacity: 4000GB
- ✓ Sequential Read Speed : up to 14,100 MB/s
- ✓ Sequential Write speed : up to 12,600 MB/s



Aprašymas

Unleash unparalleled speed with AORUS Gen5 14000 SSD Redefining Speed, Efficiency, and AI Application Performance

Powered by the PCIe Gen5.0 x4 controller Phison PS5026-E26 and boasting brand-new 232-layer 3D TLC NAND Flash, the AORUS Gen5 14000 SSD redefines the pinnacle of speed and efficiency. With blazing sequential read/write speeds of up to 14,100 / 12,600 MB/s, this SSD is engineered to meet the demands of PC enthusiasts, gamers, and rendering professionals. Experience lightning-fast data transfers and enjoy a smoother, lower-latency gaming experience with the AORUS Gen5 14000 SSD. Unlock the true potential of your system and elevate your gaming prowess to unprecedented levels.

Unleash the Power of PCIe 5.0 x4, NVMe 2.0

With PCIe 5.0 x4, The PS5026-E26 controller is manufactured with the advanced 12nm process, which ensures sufficient computing power. It also supports up to 8 NAND flash channels with 64CEs, DDR4 caching and complies with the NVMe 2.0 standard. The speed of the AORUS Gen5 14000

SSD is doubled compared to PCIe 4.0 x4, so that data can be transported at a significantly higher speed.

NAND Flash Selected for High Quality and Performance

Leveraging the superior throughput and high-quality combination that 3D TLC NAND provides, AORUS Gen5 14000 SSD brings a better experience in work.

Pairing with Motherboard-Integrated Heatsinks

When utilizing AORUS Gen5 14000 SSD, it is crucial to pair it with a motherboard equipped with a built-in heatsink. The high-speed data transfer capabilities of PCIe5.0 x4 SSD demand efficient heat dissipation to maintain optimal performance and prevent thermal throttling.

GIGABYTE CONTROL CENTER (GCC)

GIGABYTE CONTROL CENTER (GCC) is a unified software for all GIGABYTE supported products. It provides newly designed intuitive user interface to control all essential function.

- Unified software platform for all Gigabyte supported products
- Intuitive user interface for an eased experience
- Modularized control components only for installed hardware
- Auto update function to keep system up to date and support future products

Techninė specifikacija

Specifications	
Sandėlio grupė	> Festplatten und SSD > SSD IDE & PCIe [+809][~-97]
Features	
SSD capacity	4 TB
SSD form factor	M.2
Interface	PCI Express 5.0
NVMe	Yes
Memory type	3D TLC NAND
Component for	PC
Hardware encryption	No
NVMe version	2
M.2 SSD size	2280 (22 x 80 mm)
Read speed	14100 MB/s
Write speed	12600 MB/s
Controller type	Phison PS5026-E26
PCI Express interface data lanes	x4
External DDR cache	Yes
External DDR cache quantity	8192 MB
Mean time between failures (MTBF)	1600000 h
Windows operating systems supported	Windows 10 x64, Windows 11 x64
TBW rating	3000

Power

Power consumption (read)	11.5 W
Power consumption (write)	11.5 W
Power consumption (idle)	0.144 W

Weight & dimensions

Width	22 mm
Depth	80 mm
Height	3.5 mm

Packaging data

Manual	Yes
Package type	Box

Operational conditions

Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C

Matmenys ir svoris

Svoris	0,20kg
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