ADATA Premier memory module 16 GB 1 x 16 GB DDR5 288-pin DIMM ECC

Gamintojas: **ADATA** · Modelis: **AD5U480016G-S** · EAN: **4711085936448** · Prekės kodas: **444871**



281.91€

Kaina su PVM

Be PVM: **232.98€**

In Stock

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Pagrindinės savybės

- ✓ Higher Frequencies
- ✓ Higher Capacities
- ✓ Built-in Power Management IC
- ✓ On-Die Error Correcting Code



Aprašymas

Higher Frequencies

The DDR5-4800 U-DIMM delivers blazing frequencies of up to 4800 MT/s, a major leap from the max. frequency of DDR4 modules (3200 MT/s)

More Energy-Efficient

This next-gen memory module operates on just 1.1V, making it 8% more power-efficient than DDR4. What's more, it features a built-in Power Management IC (PMIC) to enhanced power supply stability.

Capacity Doubled

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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Improved Stability

With on-die error correcting code (ECC) this module can correct errors automatically in real-time to provide increased stability and reliability.

QuikTips: DDR5 vs DDR4 - Appearance

DDR5 U-DIMM modules have the same dimensions and pin count as DDR4 modules. The most obvious difference is the position of the fool-proof notch. Also, DDR5 integrates I/O resistors with CMD/ADD resistors. Also, the appearance of DDR5 modules are cleaner than DDR4. In addition, you can see a PMIC in the center.

QuikTips: DDR5 vs DDR4 - Chip Architecture

DDR5 modules provide two times more capacity than DDR4 by packing in more banks and bank groups. In addition, Burst Length and Prefetch are also doubled. And to ensure data integrity, they feature error correcting code (ECC) technology.

QuikTips: DDR5 vs DDR4 - Performance

The biggest change is that bandwidth and frequency are significantly higher. The ADATA DDR5 memory modules deliver frequencies of up to 4800MT/s and feature bandwidth of 38.4GB/s, which is 50% higher than the DDR4-3200. The maximum frequency is increased 1.63 times compared to DDR4.

Techninė specifikacija

Features	
Internal memory	16 GB
Memory layout (modules x size)	1 x 16 GB
Internal memory type	DDR5
Component for	PC/Server
Memory form factor	288-pin DIMM
ECC	Yes
On-Die ECC	Yes
CAS latency	40
Memory clock speed	4800 MHz
Buffered memory type	Unregistered (unbuffered)
Memory voltage	1.1 V
Module configuration	2048M x 8
Operational conditions	
Operating temperature (T-T)	0 - 85 °C

Packaging data	
Package type	Tray
Logistics data	
Harmonized System (HS) code	84733020
Matmenys ir svoris	
Svoris	0.03kg

Dokumentai ir vaizdo įrašai

› Product leaflet

Gamintojo ir saugos informacija

MANUFACTURER

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