



DDR5 VLP UDIMM

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- Next-generation DDR5 UDIMM industrial memory module, with a memory transfer rate of up to 5600 MT/s
- Very low profile design, and the height is only 18.75mm(0.738"inch)
- Equipped with power management IC (PMIC) (5V) on DIMM to efficiently control system power load
- On-die ECC error correction mechanism improves reliability
- 288-pin, DDR5 unbuffered dual in-line memory module (DDR5 UDIMM)
- VDD = VDDQ = 1.1V
- VPP = 1.8V
- 32 internal banks; 8 groups of 4 banks each
- Lead-free (RoHS compliant)
- Halogen free
- Conformal Coating / Underfill (optional)
- Anti-sulfuration (Apacer patented) (optional)

Introduction

DDR5 VLP UDIMM (Very Low Profile Unbuffered DIMM) is a JEDEC-compliant design that measures only 0.738-inch (18.75mm) in height, making it ideal for space-constraint systems, such as small-size industrial computers and embedded systems. It combines the advantages of Very low-profile dimensions, large capacity, low power consumption and high performance. This innovative product is designed for space-constrained high-density servers, as well as netcom, telecom, and embedded applications.

Using VLP UDIMM not only prevents mechanical issues but the space saved may be used to improve heat dissipation, save energy, cut down business cost and improve system stability.

Spec

Model	DDR5 VLP UDIMM
Module Type	VLP UDIMM
Memory Technology	DDR5
Speed	4800/5600
Density	16GB / 32GB
Voltage	1.1v
Width	64-Bit
PCB Height	0.738
Operating Temperature (°C)	TC=0°C to 85°C
Value-added Technology	30μ Gold Finger
Recommended Application	Networking /Telcom / 1U server