

Lexar

ENTERPRISE

LPDDR5-7500 CAMM2

Product Brief



Capacities

16GB, 32GB

Advanced Features

- Operating temperature: 0°C to +85°C
- On-DIMM power management integrated circuit (PMIC)
- On-DIMM SPD EEPROM with Hub function
- Programmable ODT for CK, CA, DQ, DMI, RDQS, WCK and with VSSQ termination

Applications



AI Terminals



Ultra-thin Notebook



Desktop



Laptop

Low-Profile, High-Performance

Featuring the latest LPDDR5/5x chips, the Lexar Enterprise LPCAMM2 is compatible with 315-ball and 496-ball designs, supports frequencies up to 7500MT/s, and is available in capacities up to 32GB to meet a diverse range of memory needs. The Lexar Enterprise LPCAMM2 opens new design possibilities for AI terminals, commercial devices, and other devices that require high performance, a compact form, and low power requirements.

Key Benefits

Accelerated Capabilities

The Lexar Enterprise LPCAMM2 offers speeds of 7500MT/s, surpassing the performance of DDR5 SODIMM memory by more than 33%.

Designed for Micro-PCs and Ultra-Thin Notebooks

A smaller design (78mm x 34mm x 1.2mm) is 60% smaller than conventional SODIMM form factors, making it easier to expand, maintain, and upgrade your device.

Lower Power Consumption

The Lexar Enterprise LPCAMM2 offers 50% lower power consumption, and uses power management integrated circuits (PMICs) and voltage regulation circuits for 70% higher energy efficiency.

Specifications—LPDDR5-7500 CAMM2

Part Number	Capacity	Data Rate	Interface	Architecture	Operating Temperature	Operating Voltage	Edge Connectors	Package Size
FF575NB1G39C501	16GB	7500MT/s	CAMM2	1Rx16	-0°C to +85°C	4.25V ~ 5.5V	2u"	78mm x 34mm x 2.5mm
FF575NC2G8AC501	32GB	7500MT/s	CAMM2	1Rx16	-0°C to +85°C	4.25V ~ 5.5V	2u"	78mm x 34mm x 2.5mm

*Data based on internal testing. Actual conditions are subject to change without notice.