

# DDR5



## Memory Modules

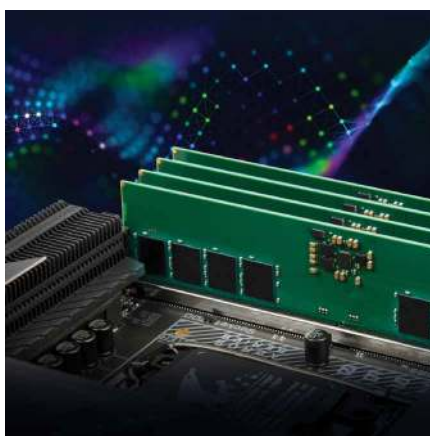
# DDR5

New-gen DDR5 memory modules feature two transfer channels for blazing-fast speeds. 1.1V low voltage, PMIC, and on-die ECC bring unprecedented performance and stability to your computer.



### Ultra Fast!

DDR5 DRAM modules come with 4,800 MT/s, a 50% increase compared to DDR4-3200! High throughput upgrades your computer in a snap!



### Dual Transfer Channels

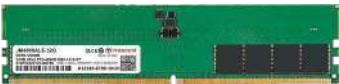
DDR5 adopts two independent 32-bit transfer channels, which provide higher transfer speeds and increase storage efficiency. The optimized performance is ready to support professional works including graphic design, programming, and video editing.



### Optimized Power Efficiency

DDR5 working voltage is merely at 1.1V and it is designed with a power management IC (PMIC), which allows better energy control and reduces power interference. Transcend's JetRam memory modules are manufactured with true ETT grade, brand-name DRAM chips that have passed Transcend's strict screening process and rigorous environmental testing.

# DDR5 Unbuffered DIMMs

| Module Type           | Long-DIMM                                                                         | SO-DIMM                                                                             |
|-----------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Image         |  |  |
| Standard              | JEDEC                                                                             |                                                                                     |
| Frequency             | 4800 MT/s                                                                         |                                                                                     |
| Capacity              | 8GB~32GB                                                                          |                                                                                     |
| Voltage               | 1.1V                                                                              |                                                                                     |
| Pin Count             | 288 pin                                                                           | 262 pin                                                                             |
| PCB Height            | 1.23 inches                                                                       | 1.18 inches                                                                         |
| Operating Temperature | 0°C ~ 85°C                                                                        |                                                                                     |

## Ordering Information

### DDR5-4800 Long-DIMM

| Capacity | Component Composition | Rank x Org. | JetRam        |
|----------|-----------------------|-------------|---------------|
| 8GB      | (1Gx16)x4             | 1Rx16       | JM4800ALG-8G  |
| 16GB     | (2Gx8)x8              | 1Rx8        | JM4800ALE-16G |
| 32GB     | (2Gx8)x16             | 2Rx8        | JM4800ALE-32G |

### DDR5-4800 SO-DIMM

| Capacity | Component Composition | Rank x Org. | JetRam        |
|----------|-----------------------|-------------|---------------|
| 8GB      | (1Gx16)x4             | 1Rx16       | JM4800ASG-8G  |
| 16GB     | (2Gx8)x8              | 1Rx8        | JM4800ASE-16G |
| 32GB     | (2Gx8)x16             | 2Rx8        | JM4800ASE-32G |

Transcend's Standard memory modules are manufactured with Major-grade, branded DRAM chips that have passed Transcend's strict screening process and rigorous environmental testing.