

INTRODUCING LGA 4677 SOCKETS

- PCIe Generation 5 Support
- DDR5 8-Channel Capable
- Greater Number of Memory Channels (4677 pins)



TE Connectivity's (TE) new LGA 4677 sockets for top processor players, these sockets are designed with high bandwidth demands with PCIe (Generation 5) and DDR5 8-channel support available, as well as providing a much larger amount of memory channels. When partnered with TE Connectivity DDR5 DIMM socket solutions and PCIe Generation 5, the TE LGA 4677 socket provides a total solution for supporting the data rates required by next generation system architectures.

APPLICATIONS

- Hyperscale
- Networking Equipment
- Servers
- Artificial Intelligence / Machine Learning
- Edge Computing

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KEY BENEFITS

- Delivers an aggregate link bandwidth of 128 Gigabits per second in x16 configuration. Supports higher speed networking protocols and higher speed interconnections between system devices
- With DDR5 8-Channel support, LGA 4677 socket provides increased performance and reduced overall power consumption that leads to cost savings
- Greater number of memory channels enable speed intensive applications such as artificial intelligence and machine learning
- When partnered with TE Connectivity (TE) DDR5 DIMM Socket solutions and PCIe Generation 5 (Gen 5), LGA 4677 socket provides a total solution for supporting the data rates required by next generation system architectures
- Supports auto-assembly processes to facilitate ease of installation and limit possibility of rework