LGA 4677 SOCKET

TE Connectivity’s (TE) next-generation server processor LGA 4677 socket provides more connections between main board and CPU. Designed for the needs of new generation processors, these sockets support bandwidth intensive operations and contain a greater number of memory channels - greatly expanding input/output capabilities.

LGA 4677 socket is optimized for 8-Channel DDR5 and PCIe Generation 5 (Gen 5) technologies, enabling the latest server architectures for data centers and artificial intelligence (AI) applications.

INDUSTRIES
- Hyperscale
- Next-Gen Servers
- Artificial Intelligence/Machine Learning
- Edge Computing

KEY BENEFITS
- PCIe Generation 5 Support
- DDR5 8-Channel Capable
- Greater Number of Memory Channels (4677 Pins)
- Competitive Pricing Available with World-Class Customer and FAE Support

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PRODUCT FEATURES
- 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
SOCKET E1

PART NUMBERS

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<td>LGA 4677 socket, 30u&quot; gold plating</td>
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<td>2-2351050-4</td>
<td>LGA 4677 Bolster plate without socket cover</td>
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<td>2-2351050-5</td>
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<td>Back plate (PCB: 0.062mm-0.106mm)</td>
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