



LGA 4677/4710 SOCKETS

TE Connectivity's (TE) next-generation server processor LGA 4677/4710 socket provides more connections between main board and the processor. 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 4677/4710 sockets support 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
- AI/Machine Learning
- Edge Computing

KEY BENEFITS

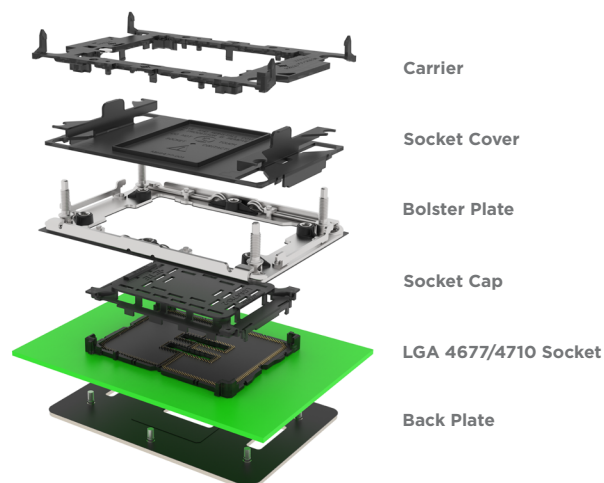
- 4677/4710 Pins
- PCIe Generation 5 Support
- DDR5 8-Channel Capable
- Greater Number of Memory Channels

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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
- Greater number of memory channels enable speed intensive applications such as artificial intelligence and machine learning
- Supports 8-channel DDR5 DRAM memory up to 6400 MT/s, to increased performance and reduced overall power consumption that may lead to cost savings
- Supports PCIe 5.0 technology – faster speeds and more efficiency
- Qualified and tested durability, environmental resistance, shock and vibration
- Supports auto-assembly processes to facilitate ease of installation and limit possibility of rework



LGA 4677/4710 SOCKETS

LGA4677 SOCKET AND HARDWARE

Part Number	Part Description
2-2347090-1	LGA4677 Socket, 30u" Gold Plating
2-2351050-4	LGA4677 Bolster Plate without Socket Cover
2-2351050-5	LGA4677 Bolster Plate with Socket Cover
2351051-1	LGA4677 Back plate (PCB: 1.57mm-2.69mm or PCB: 0.062"-0.106")
2351051-2	LGA4677 Back plate (PCB: 2.72mm-3.58mm or PCB: 0.107"-0.141")
1-2351052-5	LGA4677 Carrier (without shim, SP XCC)
1-2351052-2	LGA4677 Carrier (with shim, SP MCC)
1-2351052-6	LGA4677 Carrier (without shim, with TIM breaker)
1-2351053-2	LGA4677 Socket Cover

LGA4710 SOCKET AND HARDWARE

Part Number	Part Description
1-2397198-1	LGA4710 Socket, 30u" Gold Plating
2405568-1	LGA4710 Bolster Plate without Socket Cover
2405568-2	LGA4710 Bolster Plate with Socket Cover
2405569-1	LGA4710 Back plate (PCB: 1.57mm-2.69mm or PCB: 0.062"-0.106")
2405569-2	LGA4710 Back plate (PCB: 2.72mm-3.58mm or PCB: 0.107"-0.141")
2405570-1	LGA4710 Carrier (without shim)
2405570-2	LGA4710 Carrier (with shim)
1-2351053-3	LGA4677/LGA4710 Socket Cover

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