

AMD EPYC™ 7742

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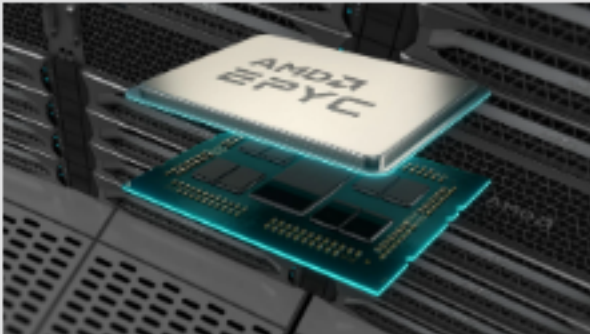
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AMD EPYC™ 7742

General Specifications

Platform: Server	Product Family: AMD EPYC™
Product Line: AMD EPYC™ 7002 Series	# of CPU Cores: 64
# of Threads: 128	Max. Boost Clock ⁱ : Up to 3.4GHz
Base Clock: 2.25GHz	L3 Cache: 256MB
1kU Pricing: 6,950 USD	Default TDP ⁱ : 225W
CPU Socket: SP3	Socket Count: 1P/2P

Connectivity

PCI Express® Version ⁱ : PCIe 4.0 x128	System Memory Type: DDR4
Memory Channels: 8	System Memory Specification ⁱ : Up to 3200MHz
Per Socket Mem BW: 204.8 GB/s	

Product IDs

Product ID Boxed: 100-100000053WOF	Product ID Tray: 100-000000053
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Key Features

Supported Technologies: AMD Infinity Architecture

Workload Affinity:
Analytics
Cache-sensitive scale-up/out
CAE/CFD/FEA
ERM/SCM/CRM apps
High capacity data mgmt (NR/RDBMS)
VM Density

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