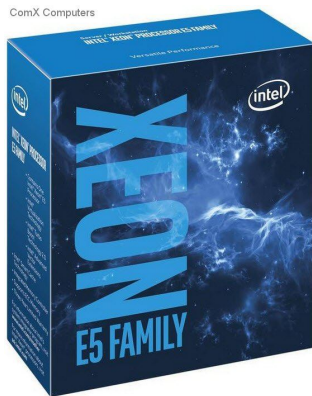


CP-iXE52603V4

Intel Xeon E5-2603 V4 1.7Ghz LGA 2011-v4 Server Processor

Product Overview

Intel Xeon E5-2603 V4 (support single/ dual CPU socket), socket FC LGA 2011-v4 Broadwell-EP, 6 core, 1.7Ghz, 85w, vPro + VT-x + VT-d + TXT + DBS (Demand-Based Switching), 6.4GT/s - 2x QPi, 14nm - shared 15mb L3 cache, built-in quad channel DDR4-1866 memory controller support up to 1536Gb, 59.7 GB/sec bandwidth, 40 lanes PCI-e 3.0 - box CPU with no fan



Specifications

Specifications:

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Specifications

Product Code	CP-iXE52603V4
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Essentials

Processor Number	E5-2603V4
Intel Smart Cache	15 MB
Intel QPI Speed	6.4 GT/s
# of QPI Links	2
Instruction Set	64-bit
Instruction Set Extensions	AVX 2.0
Embedded Options Available	No
Lithography	14 nm
Scalability	2S
VID Voltage Range	0
Conflict Free	Yes

Performance

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Product Specification Sheet

# of Cores	6
# of Threads	6
Processor Base Frequency	1.7 GHz
TDP	85 W
Memory Specifications	
Max Memory Size (dependent on memory type)	1536 GB
Memory Types	DDR4 1600/1866
Max # of Memory Channels	4
Max Memory Bandwidth	59.7 GB/s
Physical Address Extensions	46-bit
ECC Memory Supported	Yes
Graphics Specifications	
Processor Graphics	None
Expansion Options	
PCI Express Revision	3
PCI Express Configurations	x4, x8, x16
Max # of PCI Express Lanes	40
Package Specifications	
Max CPU Configuration	2
TCASE	73 degreesC
Package Size	52.5mm x 51mm
Sockets Supported	FCLGA2011-3
Advanced Technologies	
Intel Turbo Boost Technology	2
Intel vPro Technology	Yes
Intel Hyper-Threading Technology	No
Intel Virtualization Technology (VT-x)	Yes
Intel Virtualization Technology for Directed I/O (VT-d)	Yes
Intel VT-x with Extended Page Tables (EPT)	Yes
Intel TSX-NI	Yes
Intel 64	Yes
Idle States	Yes
Enhanced Intel SpeedStep Technology	Yes

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Product Specification Sheet

Intel Demand Based Switching	Yes
Thermal Monitoring Technologies	Yes
Intel Flex Memory Access	No
Intel Identity Protection Technology	No
Intel Data Protection Technology	
Intel AES New Instructions	Yes
Secure Key	Yes
Intel Platform Protection Technology	
OS Guard	Yes
Trusted Execution Technology	Yes
Execute Disable Bit	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/CP-iXE52603V4-Intel-Xeon-E5-2603-V4-1-7Ghz-LGA-2011-Buy-p-143856.php>

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