

Intel Xeon E3-1230 v3 (8MB Cache, 3.30 GHz)

191,500 AMD

Essentials	
Processor Number	E3-1230 v3
# of Cores	4
# of Threads	8
Processor Base Frequency	3.3 GHz
Max Turbo Frequency	3.7 GHz
Intel Smart Cache	8 MB
Sockets Supported	FCLGA1150
DMI	5 GT/s
Instruction Set	64-bit
Instruction Set Extensions	SSE 4.1/4.2, AVX 2.0
Lithography	22 nm
Scalability	1S only
Memory Specifications	
Max Memory Size (dependent on memory type)	32 GB
Memory Types	DDR3-1333/1600
# of Memory Channels	2
Max Memory Bandwidth	25.6 GB/s
ECC Memory Supported	Yes
Graphics Specifications	
Processor Graphics	None
Expansion Options	
PCI Express Revision	3.0
PCI Express Configurations	1x16 & 1x4, 2x8 & 1x4 or 1x8 & 3x4
Advanced Technologies	
Intel Turbo Boost Technology	2.0

Other Technologies Supported	Intel® vPro Technology Intel Hyper-Threading Technology Intel® Hyper-Threading Technology Intel® Virtualization Technology (VT-x) Intel® Virtualization Technology for Directed I/O (VT-d) Intel® VT-x with Extended Page Tables (EPT) Intel® TSX-NI Intel® 64 Idle States Enhanced Intel SpeedStep® Technology Thermal Monitoring Technologies Intel® Fast Memory Access Intel® Flex Memory Access Intel® Identity Protection Technology Intel® Stable Image Platform Program (SIPP)
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