Intel® Xeon® Processor E7-8867L
(30M Cache, 2.13 GHz, 6.40 GT/s Intel® QPI)

SPECIFICATIONS

- All
- Essentials
- Memory Specifications
- Graphics Specifications
- Package Specifications
- Advanced Technologies

COMPATIBLE PRODUCTS

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Specifications

Essentials	
Status	Launched
Launch Date	Q2'11
Processor Number	E7-8867L
# of Cores	10
# of Threads	20
Clock Speed	2.13 GHz
Max Turbo Frequency	2.533 GHz
Intel® Smart Cache	30 MB
Bus/Core Ratio	16
Intel® QPI Speed	6.4 GT/s
Instruction Set	64-bit
Instruction Set Extensions	SSE4.1/4.2
Embedded Options Available	No
Lithography	32 nm
Scalability	S8S
Max TDP	105 W
Recommended Customer Price	
Datasheet Url	Link

Memory Specifications	
Max Memory Size (dependent on memory type)	4096 GB
Memory Types	DDR-3 800/978/1066/1333 (Max Speed 1066 MHz)
# of Memory Channels	4
ECC Memory Supported	Yes

Graphics Specifications	
Integrated Graphics	

Package Specifications	
Max CPU Configuration	8
TCASE	64*C
Package Size	49.17mm x 56.47mm
Sockets Supported	LGA1567
Low Halogen Options Available	See MDDS

Advanced Technologies	
Intel® Turbo Boost Technology	Yes
Intel® Hyper-Threading Technology	Yes
Intel® Virtualization Technology (VT-x)	Yes
Intel® Trusted Execution Technology	Yes
AES New Instructions	Yes
Intel® 64	Yes
Enhanced Intel SpeedStep® Technology	Yes
Thermal Monitoring Technologies	Yes
Execute Disable Bit	Yes
Intel® VT-x with Extended Page Tables (EPT)	Yes

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