

Intel Xeon E-2278GEL / 2 GHz processor - OEM



16-05-2024

SKU	CM8068404311303
Product Description:	Intel Xeon E-2278GEL / 2 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon E-2278GEL
Number of Cores:	8-core / 16 threads
Cache:	16 MB
Integrated Graphics:	Intel UHD Graphics 630
Compatible Processor Socket:	LGA1151 Socket

General

Product Type:	Processor	Service & Support:	Limited warranty - 3 years
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Manufacturer Warranty

Miscellaneous

Package Type:	OEM/tray
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Integrated Graphics

Type:	Intel UHD Graphics 630
Base Frequency:	350 MHz
Max Dynamic Frequency:	1.2 GHz
Max Supported Memory Size:	128 GB
Max Supported Resolution:	4096x2304@60Hz (eDP), 4096x2304@60Hz (DP), 4096x2160@30Hz (HDMI)
Features:	Intel Clear Video Technology, Intel Clear Video HD Technology, InTRU 3D Technology, Intel Quick Sync Video

Processor

Type / Form Factor:	Intel Xeon E-2278GEL
Number of Cores:	8-core



Processor

Number of Threads: 16 threads

Cache: 16 MB

Cache Memory Details: Smart Cache - 16 MB

Processor Qty: 1

Clock Speed: 2 GHz

Max Turbo Speed: 3.9 GHz

Bus Speed: 8 GT/s

Compatible Processor Socket: LGA1151 Socket

Manufacturing Process: 14 nm

Thermal Design Power: 35 W

PCI Express Revision: 3.0

PCI Express Configurations: 1x16, 2x8, 1x8+2x4

PCI Express Lanes Qty: 16

Architecture Features: Enhanced SpeedStep technology, Hyper-Threading Technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, Intel Trusted Execution Technology, streaming SIMD extensions 4.1, streaming SIMD extensions 4.2, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Thermal Monitoring Technologies, Intel Virtualization Technology for Directed I/O (VT-d), Idle States, Intel VT-x with Extended Page Tables (EPT), Intel Secure Key, Intel Advanced Vector Extensions 2 (AVX2.0), Intel TSX-NI, Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Memory Protection Extensions (MPX), Intel Optane Memory Supported, Intel Boot Guard, Intel vPro Platform Eligibility