

Intel Xeon E-2378G / 2.8 GHz processor - Box



19-08-2024

SKU	BX80708E2378G
Product Description:	Intel Xeon E-2378G / 2.8 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon E-2378G
Number of Cores:	8-core / 16 threads
Cache:	16 MB
Integrated Graphics:	Intel UHD Graphics P750
Compatible Processor Socket:	LGA1200 Socket

General

Product Type:	Processor	Package Type:	Intel Boxed
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Miscellaneous

Integrated Graphics

Type:	Intel UHD Graphics P750
Base Frequency:	350 MHz
Max Dynamic Frequency:	1.3 GHz
Max Supported Memory Size:	64 GB
Max Supported Resolution:	4096x2160@60Hz (HDMI), 5120x3200@60Hz (DP), 5120x3200@60Hz (eDP)
Features:	Intel Clear Video Technology, Intel Clear Video HD Technology, InTRU 3D Technology, Intel Quick Sync Video

Processor

Type / Form Factor:	Intel Xeon E-2378G
Number of Cores:	8-core
Number of Threads:	16 threads
Cache:	16 MB



Processor

Cache Memory Details: Smart Cache - 16 MB

Processor Qty: 1

Clock Speed: 2.8 GHz

Max Turbo Speed: 5.1 GHz

Bus Speed: 8 GT/s

Compatible Processor Socket: LGA1200 Socket

Manufacturing Process: 14 nm

Thermal Design Power: 80 W

Thermal Specification: 100 °C

PCI Express Revision: 4.0

PCI Express Configurations: 1x16+1x4, 1x8+3x4, 2x8+1x4

PCI Express Lanes Qty: 20

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 OS Guard, Intel Software Guard Extensions (SGX), Intel Memory Protection Extensions (MPX), Intel Advanced Vector Extensions 512 (AVX-512), Intel Boot Guard, Intel vPro Platform Eligibility