

Intel Xeon W-1290E / 3.5 GHz processor - OEM



21-08-2024

SKU	CM8070104420510
Product Description:	Intel Xeon W-1290E / 3.5 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon W-1290E
Number of Cores:	10-core / 20 threads
Cache:	20 MB
Integrated Graphics:	Intel UHD Graphics 630
Compatible Processor Socket:	LGA1200 Socket

General

Product Type:	Processor	Package Type:	OEM/tray
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Miscellaneous

Integrated Graphics

Type:	Intel UHD Graphics 630
Base Frequency:	350 MHz
Max Dynamic Frequency:	1.2 GHz
Max Supported Memory Size:	64 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, Triple Display Capable

Processor

Type / Form Factor:	Intel Xeon W-1290E
Number of Cores:	10-core
Number of Threads:	20 threads
Cache:	20 MB



Processor

Cache Memory Details:	Smart Cache - 20 MB
Processor Qty:	1
Clock Speed:	3.5 GHz
Max Turbo Speed:	4.8 GHz
Bus Speed:	8 GT/s
Compatible Processor Socket:	LGA1200 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	95 W
Thermal Specification:	100 °C
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 Identity Protection Technology, Intel Secure Key, Intel Advanced Vector Extensions 2 (AVX2.0), Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Turbo Boost Max Technology 3.0, Intel Boot Guard, Intel Thermal Velocity Boost, Intel vPro Platform Eligibility