

Intel Core i5 11500 / 2.7 GHz processor - Box



13-05-2024

SKU	BX8070811500
Product Description:	Intel Core i5 11500 / 2.7 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Core i5 11500 (11th Gen)
Number of Cores:	6-core / 12 threads
Cache:	12 MB
Integrated Graphics:	Intel UHD Graphics 750
Compatible Processor Socket:	LGA1200 Socket

General

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

Miscellaneous

Package Type:	Intel Boxed
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Integrated Graphics

Type:	Intel UHD Graphics 750
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Base Frequency:	350 MHz
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Max Dynamic Frequency:	1.3 GHz
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Max Supported Memory Size:	64 GB
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Max Supported Resolution:	4096x2160@60Hz (HDMI), 5120x3200@60Hz (DP), 5120x3200@60Hz (eDP)
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Features:	Intel Clear Video Technology, Intel Clear Video HD Technology, InTRU 3D Technology, Intel Quick Sync Video, Triple Display Capable
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Processor

Type / Form Factor:	Intel Core i5 11500 (11th Gen)
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Processor

Number of Cores:	6-core
Number of Threads:	12 threads
Cache:	12 MB
Cache Memory Details:	Smart Cache - 12 MB
Processor Qty:	1
Clock Speed:	2.7 GHz
Max Turbo Speed:	4.6 GHz
Bus Speed:	8 GT/s
Compatible Processor Socket:	LGA1200 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	65 W
Thermal Specification:	100 °C
PCI Express Revision:	4.0
PCI Express Configurations:	1x16+1x4, 1x8+3x4, 2x8+1x4
PCI Express Lanes Qty:	20

Processor

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 Stable Image Platform Program (SIPP), Intel OS Guard, Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel vPro Platform Eligibility, Intel Gaussian and Neural Accelerator 2.0

