

# Intel Core i5 11600 / 2.8 GHz processor - OEM



12-05-2024

|                              |                                               |
|------------------------------|-----------------------------------------------|
| SKU                          | CM8070804491513                               |
| Product Description:         | Intel Core i5 11600 / 2.8 GHz processor - OEM |
| Product Type:                | Processor                                     |
| Processor Type:              | Intel Core i5 11600 (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 | Package Type: | OEM/tray |
|---------------|-----------|---------------|----------|

## Miscellaneous

### Integrated Graphics

|                            |                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Type:                      | Intel UHD Graphics 750                                                                                                             |
| 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, Triple Display Capable |

### Processor

|                     |                                |
|---------------------|--------------------------------|
| Type / Form Factor: | Intel Core i5 11600 (11th Gen) |
| Number of Cores:    | 6-core                         |
| Number of Threads:  | 12 threads                     |



## Processor

|        |       |
|--------|-------|
| Cache: | 12 MB |
|--------|-------|

|                       |                     |
|-----------------------|---------------------|
| Cache Memory Details: | Smart Cache - 12 MB |
|-----------------------|---------------------|

|                |   |
|----------------|---|
| Processor Qty: | 1 |
|----------------|---|

|              |         |
|--------------|---------|
| Clock Speed: | 2.8 GHz |
|--------------|---------|

|                  |         |
|------------------|---------|
| Max Turbo Speed: | 4.8 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 |
|------------------------|----|

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
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