# CPU s1700 INTEL Core i5-12400 6-Core 2.50GHz Tray

Šifra: 1601
Kategorija prozivoda: Intel
Proizvođač: Intel

Cena: **23.892,00** rsd.

## Essentials

| | | |
|---|---|---|
| Product Collection | 12th Generation Intel® Core™ i5 Processors | Vertica |
| | Code Name | Products formerly Alder Lake | |
| | Processor Number i5-12400 | Status |
| | Launch Date Q1'22 | Lithogr |
| | Use Conditions PC/Client/Tablet | Recom |

## CPU Specifications

| | | |
|---|---|---|
| Total Cores 6 | # of Performance-cores 6 | # of Ef |
| | Total Threads 12 | Max Tu |
| | Performance-core Max Turbo Frequency 4.40 GHz | Perform |
| | Cache 18 MB Intel® Smart Cache | Total L |
| | Processor Base Power 65 W | Maximu |

## Supplemental Information

| | |
|---|---|
| Embedded Options Available Yes | Datasheet View now |

## Memory Specifications

| | | |
|---|---|---|
| Max Memory Size (dependent on memory type) 128 GB | Memory Types Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s | Max # |
| | Max Memory Bandwidth 76.8 GB/s | |

## Processor Graphics

| | | |
|---|---|---|
| Processor Graphics ‡ Intel® UHD Graphics 730 | Graphics Base Frequency 300 MHz | Graphi |
| | Graphics Output eDP 1.4b, DP 1.4a, HDMI 2.1 | Execut |
| | Max Resolution (HDMI)‡ 4096 x 2160 @ 60Hz | Max Re |
| | Max Resolution (eDP - Integrated Flat Panel)‡ 5120 x 3200 @ 120Hz | DirectX |
| | OpenGL* Support 4.5 | OpenC |
| | Multi-Format Codec Engines 1 | Intel® |
| | Intel® Clear Video HD Technology Yes | # of Di |
| | Device ID 0x4692 / 0x4682 | |

## Expansion Options

| | | |
|---|---|---|
| Direct Media Interface (DMI) Revision 4.0 | Max # of DMI Lanes 8 | Scalabi |
| | PCI Express Revision 5.0 and 4.0 | PCI Exp |
| | Max # of PCI Express Lanes 20 | |

## Package Specifications

| Sockets Supported | FCLGA1700 | Max CPU Configuration | 1 | Therma |
| | | T$_{\text{JUNCTION}}$ | 100°C | Packag |

## Advanced Technologies

| Intel® Gaussian & Neural Accelerator | 3.0 | Intel® Thread Director | No | Intel® |
| | | Intel® Optane™ Memory Supported ‡ | Yes | Intel® |
| | | Intel® Turbo Boost Max Technology 3.0 ‡ | No | Intel® |
| | | Intel® Hyper-Threading Technology ‡ | Yes | Intel® |
| | | Instruction Set | 64-bit | Instruc |
| | | Idle States | Yes | SSE4.2 Enhan |
| | | Thermal Monitoring Technologies | Yes | Intel® |

## Security & Reliability

| Intel® Threat Detection Technology (TDT) | Yes | Intel® Standard Manageability (ISM) ‡ | Yes | Intel® |
| | | Intel® AES New Instructions | Yes | Secure |
| | | Intel® OS Guard | Yes | Execut |
| | | Intel® Boot Guard | Yes | Mode-b |
| | | Intel® Virtualization Technology (VT-x) ‡ | Yes | Intel® |
| | | Intel® VT-x with Extended Page Tables (EPT) ‡ | Yes | Yes |