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Firma: Laptop Centar d.o.o.
Adresa: Maglajska 11
Telefon: 011/635-1212
Fax: 0116351212
PIB: 105777840
E-mail: prodaja@laptopcentar.co.rs

CPU s1700 INTEL Core i9-13900 24-Core 2.00GHz Box

Šifra: 44186
Kategorija proizvoda: Procesori
Proizvođač: Intel

Cena: 71.119,00 din.

Model	Intel Core i9-13900 LGA1700 Procesor / CPU BX8071513900
Kategorija procesora	Desktop CPU
Procesorsko podnožje (Socket)	Intel Socket 1700 (LGA1700)
Serija	13th Gen Intel® Core™ i9
Broj procesora (Model)	i9-13900
Osnovna frekvencija procesora	2 GHz / 2000 MHz
Turbo frekvencija procesora	5.6 GHz / 5600 MHz
Broj jezgara	24x CPU cores / 32x threads
Veličina Level 1 keša	CPU core complex #1 - Performance cores8 x 32 KB instruction caches8 x 48 KB data cachesCPU core complex #2 - Efficient cores16 x 64 KB instruction caches16 x 32 KB data caches
Veličina Level 2 keša	CPU core complex #1 - Performance cores : 8 x 2 MBCPU core complex #2 - Efficient cores : 4 x 4 MB
Veličina Level 3 keša	36 MB
Množilac	20/15
Mikroarhitektura	Raptor Lake
Set instrukcija	64 bit
Proizvodni proces	10 nm
Integrisana grafika	Intel® UHD Graphics 770
Integrisane periferije / komponente	Display controller:4 displays (4K) or 1 display (8K HDR)DisplayPort 1.4a / Embedded DisplayPort 1.4b / HDMI 2.1Memory controller:The number of controllers: 2Memory channels (per controller): 2 [1]Memory channels (total): 4 [1]Supported memory: DDR4-3200, DDR5-5600ECC supported: YesOther peripherals:Direct Media Interface 4.0 (8 lanes)PCI Express 5.0 interface (16 lanes)PCI Express 4.0 interface (4 lanes)
TDP	65 Watt
Hladnjak sa ventilatorom	Hladnjak i ventilator uključeni

Dodatne karakteristike

MMX instructionsSSE / Streaming SIMD ExtensionsSSE2 / Streaming SIMD Extensions 2SSE3 / Streaming SIMD Extensions 3SSSE3 / Supplemental Streaming SIMD Extensions 3SSE4 / SSE4.1 + SSE4.2 / Streaming SIMD Extensions 4AES / Advanced Encryption Standard instructionsAVX / Advanced Vector ExtensionsAVX2 / Advanced Vector Extensions 2.0BMI / BMI1 + BMI2 / Bit Manipulation instructionsDeep Learning BoostF16C / 16-bit Floating-Point conversion instructionsFMA3 / 3-operand Fused Multiply-Add instructionsGaussian Neural Accelerator 3.0SHA / Secure Hash Algorithm extensionsEM64T / Extended Memory 64 technology / Intel 64HT / Hyper-Threading technologyVT-x / Virtualization technologyVT-d / Virtualization for directed I/OOTBT 3.0 / Turbo Boost technology 3.0Thermal Velocity Boost