

INTEL

Procesor Intel Xeon w3-2525, 8 Bërthama, 16 Threads, 3.5GHz, Turbo-4.5GHz, 22.5 MB Cache, LGA 4677 – Tray

SKU: 17020954 · EAN: 8592978593100

SPECIFIKAT TEKNIKE**71 specifikat e produktit**

ATRIBUTI	VLERA
Processor	
Processor manufacturer	Intel
Processor model	w3-2525
Processor base frequency	3.5 GHz
Processor family	Intel Xeon W
Processor cores	8
Processor socket	LGA 4677 (Socket E)
Processor threads	16
Intel® UPI Speed	0 GT/s
Processor operating modes	64-bit
Performance cores	8
Processor boost frequency	4.5 GHz
Processor cache	22.5 MB
Processor cache type	Smart Cache
Package type	Tray
Processor base power	175 W
Maximum turbo power	210 W
Processor codename	Sapphire Rapids
Processor ARK ID	236882
Memory	
Maximum internal memory supported by processor	2 TB
Memory types supported by processor	DDR5-SDRAM
Memory channels	Quad-channel
Feature	ECC
Graphics	
On-board graphics card model	Not available

Discrete graphics card model Not available

Features

Feature	Execute Disable Bit
Market segment	Workstation
Use conditions	Workstation
Maximum number of PCI Express lanes	64
PCI Express slots version	5.0
Supported instruction sets	AMX, AVX 2.0, AVX-512, SSE4.1, SSE4.2
Scalability	1S
CPU configuration (max)	1
Direct Media Interface (DMI) Revision	4.0

Processor special features

Feature	Intel® Hyper Threading Technology (Intel® HT Technology)
Intel® Turbo Boost Technology	2.0
Feature	Intel® AES New Instructions (Intel® AES-NI)
Feature	Enhanced Intel SpeedStep Technology
Feature	Intel Trusted Execution Technology
Feature	Intel® Speed Shift Technology
Intel® Turbo Boost Max Technology 3.0 frequency	4.5 GHz
Intel® Turbo Boost Technology 2.0 frequency	4.3 GHz
Feature	Intel® Transactional Synchronization Extensions
Feature	Intel® Total Memory Encryption
Feature	Intel® Control-flow Enforcement Technology (CET)
Feature	Intel® Platform Firmware Resilience Support
Feature	Intel VT-x with Extended Page Tables (EPT)
Feature	Intel® Active Management Technology (Intel® AMT)
Feature	Intel® OS Guard
Feature	Intel 64
Feature	Intel Virtualization Technology (VT-x)
Feature	Intel Virtualization Technology for Directed I/O (VT-d)
Feature	Intel Turbo Boost Max Technology 3.0
AVX-512 Fused Multiply-Add (FMA) units	2
Feature	Intel® Boot Guard
Feature	Intel® Deep Learning Boost (Intel® DL Boost) on CPU
Feature	Mode-based Execute Control (MBE)
Feature	Intel® Virtualization Technology with Redirect Protection (VT-rp)

Feature	Intel vPro® Enterprise Platform Eligibility
Intel® QuickAssist Technology (QAT)	0 default devices
Intel® Dynamic Load Balancer (DLB)	0 default devices
Intel® Data Streaming Accelerator (DSA)	1 default devices
Intel® In-memory Analytics Accelerator (IAA)	0 default devices
Feature	Intel® Advanced Matrix Extensions (AMX)
Operational conditions	
Tcase	72 °C
DTS Max	100 °C
Technical details	
Launch date	Q3'24
Status	Launched
Memory speed (max)	4400 MHz
Package carrier	E1B
Weight & dimensions	
Processor package size	77.5 x 56.5 mm
Other features	
Maximum internal memory	2 TB