

Intel Xeon Gold 6448Y / 2.1 GHz processor - OEM



16-05-2024

SKU	PK8071305120802
Produktbeskrivelse:	Intel Xeon Gold 6448Y / 2.1 GHz Processor - OEM
Produkttype:	Processor
Processortype:	Intel Xeon Gold 6448Y (4. Gen)
Antal kerner:	32-kerne / 64 tråde
Cache:	60 MB
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Antal processorer:	1

Generelt

Produkttype:

Mål & vægt (forsendelse)

Processor	Bredde ved forsendelse:	7.75 cm
	Dybde ved forsendelse:	5.65 cm

Diverse

Pakketype:	OEM/bakke
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Processor

Type / Model:	Intel Xeon Gold 6448Y (4. Gen)
Antal kerner:	32-kerne
Antal tråde:	64 tråde
Cache:	60 MB
Detaljer for cache-hukommelse:	Smart Cache - 60 MB
Antal processorer:	1
Clock-frekvens:	2.1 GHz
Max Turbo Speed:	4.1 GHz
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Fremstillingsproces:	10 nm
Termisk designeffekt:	225 W
Termisk specifikation:	79 °C
PCI Express-revision:	5.0

Processor

Antal PCI Express-
spor:

80

DesignEgenskaber:

Hyper-Threading teknologi,
Execute Disable Bit funktion,
Intel Virtualization Technology,
Intel 64 Technology, Intel
Trusted Execution Technology,
streaming SIMD extensions 4.2,
Intel Turbo Boost Technology
2.0, Intel AES New Instructions
(AES-NI), Intel Virtualization
Technology for Directed I/O (VT-
d), Intel VT-x with Extended Page
Tables (EPT), Intel Transactional
Synchronization Extensions
(TSX), Intel OS Guard, Intel
Software Guard Extensions
(SGX), Intel Speed Shift
Technology, Intel Advanced
Vector Extensions 512 (AVX-512),
Intel Run Sure Technology, Intel
Boot Guard, Intel Deep Learning
Boost (DL Boost), Intel Resource
Director Technology (RDT), Intel
Speed Select technology -
Performance Profile, Advanced
Vector Extensions (AVX), Intel
Speed Select technology - Base
Frequency, Intel Optane DC
Persistent Memory Supported,
Intel Speed Select technology -
Core Power, Intel Speed Select
technology - Turbo Frequency,
Intel Control-Flow Enforcement
Technology, Intel Total Memory
Encryption, Intel Platform
Firmware Resilience Support,
Intel Crypto Acceleration,
Advanced Vector Extensions 2
(AVX2), Mode-based Execute
Control (MBEC), Intel On Demand
Feature Activation, Intel
Advanced Matrix Extensions, 20
lavprioritetskerner, 2,40 GHz
højprioritetskerne, 2,00 GHz
lavprioritetskerne, 12
højprioritetskerner, Intel Data
Streaming Accelerator (DSA),
Intel QuickAssist Software
Acceleration, 128 GB maksimum
Enclave Page Cache (EPC)
størrelse til Intel SGX