

Intel Xeon Gold 6438M / 2.2 GHz processor - OEM



21-05-2024

SKU	PK8071305122301
Produktbeskrivelse:	Intel Xeon Gold 6438M / 2.2 GHz Processor - OEM
Produkttype:	Processor
Processortype:	Intel Xeon Gold 6438M (4. Gen)
Antal kerner:	32-kerne / 64 tråde
Cache:	60 MB
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Antal processorer:	1

Generelt

Produkttype:	Processor
Bredde:	7.75 cm
Dybde:	5.65 cm

Producentgaranti

Service & Support:	Begrænset garanti - 1 år
--------------------	--------------------------

Diverse

Pakketype:	OEM/bakke
------------	-----------

Processor

Type / Model:	Intel Xeon Gold 6438M (4. Gen)
Antal kerner:	32-kerne
Antal tråde:	64 tråde
Cache:	60 MB
Antal processorer:	1
Clock-frekvens:	2.2 GHz
Max Turbo Speed:	3.9 GHz
Bushastighed:	16 GT/s
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Fremstillingsproces:	10 nm
Termisk designeffekt:	205 W
Termisk specifikation:	97 °C
PCI Express-revision:	5.0
Antal PCI Express-spor:	80

Processor

DesignEgenskaber:

Hyper-Threading teknologi,
Execute Disable Bit funktion,
Intel Virtualization Technology,
Intel Trusted Execution
Technology, Intel Turbo Boost
Technology 2.0, Intel Advanced
Vector Extensions (AVX), Intel
AES New Instructions (AES-NI),
Intel Virtualization Technology
for Directed I/O (VT-d), Intel VT-x
with Extended Page Tables (EPT),
Intel Advanced Vector
Extensions 2 (AVX2.0), Intel TSX-
NI, Intel OS Guard, Intel Speed
Shift Technology, Intel Advanced
Vector Extensions 512 (AVX-512),
Mode-based Execute Control
(MBE), Intel Run Sure
Technology, Intel Boot Guard,
Intel Deep Learning Boost (DL
Boost), Intel Resource Director
Technology (RDT), Intel Speed
Select technology - Performance
Profile, Intel Speed Select
technology - Base Frequency,
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, Intel
SSE4.2, 2,30 GHz
højprioritetskerne, 20
lavprioritetskerner, 12
højprioritetskerner, 1,80 GHz
lavprioritetskerne, Intel Data
Streaming Accelerator (DSA),
Intel QuickAssist Software
Acceleration, 128 GB maksimum
Enclave Page Cache (EPC)
størrelse til Intel SGX, Activating
Intel On Demand Feature, Intel
Advanced Matrix Extensions
(AMX), Intel Software Guard
Extensions (SGX) med Intel SP5,
Intel In-memory Analytics
Accelerator (IAA), 2 AVX-512
FMA Units