

Intel Xeon Platinum 8454H / 2.1 GHz processor - OEM



17-05-2024

SKU	PK8071305074601
Produktbeskrivelse:	Intel Xeon Platinum 8454H / 2.1 GHz Processor - OEM
Produkttype:	Processor
Processortype:	Intel Xeon Platinum 8454H (4. Gen)
Antal kerner:	32-kerne / 64 tråde
Cache:	82.5 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
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Diverse

Pakketype:	OEM/bakke
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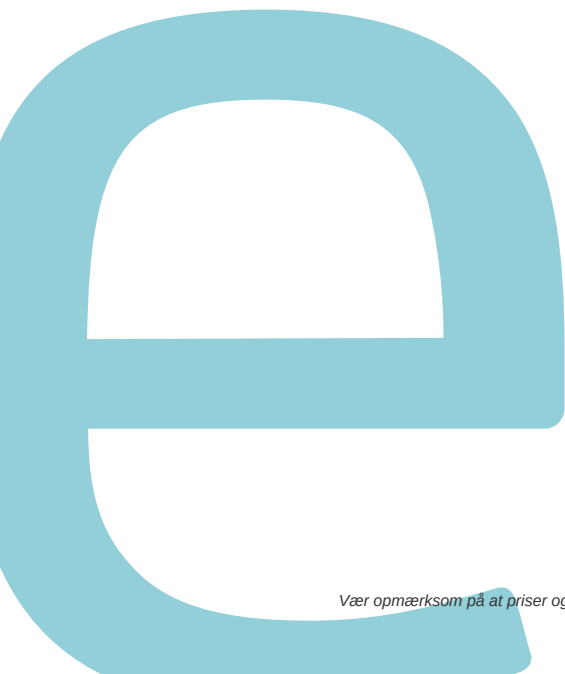
Processor

Type / Model:	Intel Xeon Platinum 8454H (4. Gen)
Antal kerner:	32-kerne
Antal tråde:	64 tråde
Cache:	82.5 MB
Antal processorer:	1
Clock-frekvens:	2.1 GHz
Max Turbo Speed:	3.4 GHz
Bushastighed:	16 GT/s
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Fremstillingsproces:	10 nm
Termisk designeffekt:	270 W
Termisk specifikation:	71 °C
PCI Express- revision:	5.0

Processor

Antal PCI Express-
spor:

80



Processor

Hyper-Threading teknologi,
Execute Disable Bit funktion,
Intel Virtualization Technology,
Intel 64 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
Transactional Synchronization
Extensions (TSX), Intel OS Guard,
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 - 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, Mode-
based Execute Control (MBEC),
Intel On Demand Feature
Activation, 20
lavprioritetskerner, 12
højprioritetskerner, 2,20 GHz
højprioritetskerne, 1,80 GHz
lavprioritetskerner, Intel
QuickAssist Software
Acceleration, Intel Advanced
Matrix Extensions (AMX), Intel
Software Guard Extensions
(SGX) med Intel SPS, 512 GB
maksimum Enclave Page Cache
(EPC) størrelse til Intel SGX, 2
AVX-512 FMA Units, Intel Data
Streaming Accelerator (DSA) 4
standard enheder, Intel Dynamic
Load Balancer (DLB) 4 standard
enheder, Intel In-memory
Analytics Accelerator (IAA) 4
standard enheder, Intel

DesignEgenskaber:

Processor

QuickAssist Technology (QAT) 4
standard enheder

