

PROCESOR INTEL® XEON® GOLD 6126F

(19,25 MB pamięci cache, 2,60 GHz)



Dane techniczne

Essentials

Launch Date	Q3'17
Status	Launched
Processor Number	6126F
Lithography	14 nm
Vertical Segment	Server

Performance

Processor Base Frequency	2.60 GHz
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# of Threads	24
Cache	19 MB L3
TDP	135.0 W
Max Turbo Frequency	3.70 GHz
# of Cores	12

Supplemental Information

Conflict Free	Yes
Embedded Options Available	No

Memory Specifications

Max Memory Size (dependent on memory type)	768 GB
	ECC Memory Supported [†]
Yes	

Memory Types	DDR4-2666
Max # of Memory Channels	6

Expansion Options

PCI Express Revision	3.0
Scalability	2S
Max # of PCI Express Lanes	48

Package Specifications

Package Size	88.0mm x 56.5mm
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Low Halogen Options Available	No
T _{CASE}	86°C
Sockets Supported	FCLGA3647
Advanced Technologies	
Intel® Hyper-Threading Technology [†]	Yes
Intel® Speed Shift Technology	Yes
Intel® Virtualization Technology (VT-x) [†]	Yes
Intel® Virtualization Technology for Directed I/O (VT-d) [†]	Yes
Intel® vPro Technology [†]	Yes
Intel® Optane™ Memory Supported [†]	No
Intel® 64 [†]	Yes
Instruction Set Extensions	Intel® SSE4.2, Intel® AVX, Intel® AVX2, Intel® AVX-512
Intel® TSX-NI	Yes
Intel® Turbo Boost Max Technology 3.0 [†]	No
Intel® Turbo Boost Technology [†]	2.0
Intel® VT-x with Extended Page Tables (EPT) [†]	Yes
Enhanced Intel SpeedStep® Technology	Yes
Security & Reliability	
Trusted Execution Technology [†]	Yes
Intel® AES New Instructions	Yes

Execute Disable Bit †

Yes