

# PROCESOR INTEL® XEON® GOLD 6132

(19,25 MB pamięci cache, 2,60 GHz)



## Dane techniczne

### Essentials

Status	Launched
Processor Number	6132
Lithography	14 nm
Vertical Segment	Server
Launch Date	Q3'17

### Performance

Processor Base Frequency	2.60 GHz
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Cache	19 MB L3
TDP	140.0 W
# of Threads	28
Max Turbo Frequency	3.70 GHz
# of Cores	14

#### Supplemental Information

Embedded Options Available	No
Conflict Free	Yes

#### Memory Specifications

Max Memory Size (dependent on memory type)	768 GB
	Max # of Memory Channels
6	
Memory Types	DDR4-2666
ECC Memory Supported <sup>1</sup>	Yes

#### Expansion Options

Scalability	S4S
Max # of PCI Express Lanes	48
PCI Express Revision	3.0

#### Package Specifications

T <sub>CASE</sub>	86°C
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Low Halogen Options Available	No
Package Size	76.0mm x 56.5mm
Sockets Supported	FCLGA3647
Advanced Technologies	
Intel® Optane™ Memory Supported †	No
Intel® Turbo Boost Technology †	2.0
Intel® Hyper-Threading Technology †	Yes
Intel® Turbo Boost Max Technology 3.0 †	No
Intel® Virtualization Technology for Directed I/O (VT-d) †	Yes
	Instruction Set Extensions
Intel® SSE4.2, Intel® AVX, Intel® AVX2, Intel® AVX-512	
Enhanced Intel SpeedStep® Technology	Yes
Intel® 64 †	Yes
Intel® VT-x with Extended Page Tables (EPT) †	Yes
	Intel® vPro Technology †
Yes	
Intel® Speed Shift Technology	Yes
Intel® TSX-NI	Yes
Intel® Virtualization Technology (VT-x) †	Yes
Security & Reliability	
Trusted Execution Technology †	Yes

Intel® AES New Instructions

Yes

Execute Disable Bit<sup>†</sup>

Yes