

# PROCESOR INTEL® XEON® GOLD 6130T

(22 MB pamięci cache, 2,10 GHz)



## Dane techniczne

### Essentials

Launch Date	Q3'17
Lithography	14 nm
Vertical Segment	Server
Processor Number	6130T
Status	Launched

### Performance

# of Cores	16
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Processor Base Frequency	2.10 GHz
Max Turbo Frequency	3.70 GHz
# of Threads	32
TDP	125.0 W
Cache	22 MB L3

#### Supplemental Information

Embedded Options Available	Yes
Conflict Free	Yes

#### Memory Specifications

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

#### Expansion Options

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

#### Package Specifications

Low Halogen Options Available	No
Sockets Supported	FCLGA3647

T <sub>CASE</sub>	92°C
Package Size	76.0mm x 56.5mm
Advanced Technologies	
Intel® Virtualization Technology (VT-x) †	Yes
Intel® Hyper-Threading Technology †	Yes
Instruction Set Extensions	Intel® SSE4.2, Intel® AVX, Intel® AVX2, Intel® AVX-512
Intel® TSX-NI	Yes
Intel® vPro Technology †	Yes
Intel® Optane™ Memory Supported †	No
Intel® Virtualization Technology for Directed I/O (VT-d) †	Yes
	Intel® Turbo Boost Max Technology 3.0 †
No	
Intel® 64 †	Yes
Intel® VT-x with Extended Page Tables (EPT) †	Yes
Intel® Turbo Boost Technology †	2.0
Enhanced Intel SpeedStep® Technology	Yes
Intel® Speed Shift Technology	Yes
Security & Reliability	
Intel® AES New Instructions	Yes
Execute Disable Bit †	Yes
Trusted Execution Technology †	Yes