

# PROCESOR INTEL® XEON® GOLD 6130F

(22 MB pamięci cache, 2,10 GHz)



## Dane techniczne

### Niezbędne zasoby

|                  |          |
|------------------|----------|
| Processor Number | 6130F    |
| Vertical Segment | Server   |
| Status           | Launched |
| Launch Date      | Q3'17    |
| Lithography      | 14 nm    |

### Wydajność

|                          |          |
|--------------------------|----------|
| Processor Base Frequency | 2.10 GHz |
|--------------------------|----------|

|                     |          |
|---------------------|----------|
| # of Threads        | 32       |
| Max Turbo Frequency | 3.70 GHz |
| Cache               | 22 MB L3 |
| # of Cores          | 16       |
| TDP                 | 135.0 W  |

#### Informacje dodatkowe

|                            |     |
|----------------------------|-----|
| Embedded Options Available | No  |
| Conflict Free              | Yes |

#### Dane techniczne pamięci

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

#### Opcje rozszerzeń

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

#### Dane techniczne pakietu

|                               |      |
|-------------------------------|------|
| Low Halogen Options Available | No   |
| T <sub>CASE</sub>             | 87°C |

|  |  |
|--|--|
| Package Size   | 88.0mm x 56.5mm<br>BGA                                 |
| Sockets Supported  | FCLGA3647  |
| Technologie zaawansowane                                   |  |
| Intel® Optane™ Memory Supported †                          | No   |
| Intel® 64 †  | Yes  |
| Intel® Turbo Boost Technology †                            | 2.0  |
| Intel® Hyper-Threading Technology †                        | Yes  |
| Intel® Speed Shift Technology                              | Yes  |
| Intel® Virtualization Technology for Directed I/O (VT-d) † | Yes  |
| Instruction Set Extensions                                 | Intel® SSE4.2, Intel® AVX, Intel® AVX2, Intel® AVX-512 |
| Intel® vPro Technology †                                   | Yes  |
| Intel® Virtualization Technology (VT-x) †                  | Yes  |
| Enhanced Intel SpeedStep® Technology                       | Yes  |
| Intel® Turbo Boost Max Technology 3.0 †                    | No   |
| Intel® VT-x with Extended Page Tables (EPT) †              | Yes  |
| Intel® TSX-NI  | Yes  |
| Niezawodność i bezpieczeństwo                              |  |
| Execute Disable Bit †                                      | Yes  |
| Trusted Execution Technology †                             | Yes  |
| Intel® AES New Instructions                                | Yes  |