

# Intel Xeon Platinum 8376H / 2.6 GHz processor - OEM



21-05-2024

|                              |                                                     |
|------------------------------|-----------------------------------------------------|
| SKU                          | CD8070604480501                                     |
| Product Description:         | Intel Xeon Platinum 8376H / 2.6 GHz processor - OEM |
| Product Type:                | Processor                                           |
| Processor Type:              | Intel Xeon Platinum 8376H (3rd Gen)                 |
| Number of Cores:             | 28-core / 56 threads                                |
| Cache:                       | 38.5 MB                                             |
| Compatible Processor Socket: | LGA4189 Socket                                      |
| Processor Qty:               | 1                                                   |

## General

|               |           |               |          |
|---------------|-----------|---------------|----------|
| Product Type: | Processor | Package Type: | OEM/tray |
|---------------|-----------|---------------|----------|

## Miscellaneous

### Processor

|                              |                                     |
|------------------------------|-------------------------------------|
| Type / Form Factor:          | Intel Xeon Platinum 8376H (3rd Gen) |
| Number of Cores:             | 28-core                             |
| Number of Threads:           | 56 threads                          |
| Cache:                       | 38.5 MB                             |
| Cache Memory Details:        | Smart Cache - 38.5 MB               |
| Processor Qty:               | 1                                   |
| Clock Speed:                 | 2.6 GHz                             |
| Max Turbo Speed:             | 4.3 GHz                             |
| Compatible Processor Socket: | LGA4189 Socket                      |
| Manufacturing Process:       | 14 nm                               |
| Thermal Design Power:        | 205 W                               |
| PCI Express Revision:        | 3.0                                 |
| PCI Express Lanes Qty:       | 48                                  |

## Processor

### Architecture Features:

Enhanced SpeedStep technology, Hyper-Threading Technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, streaming SIMD extensions 4.2, 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 Speed Shift Technology, Intel Optane Memory Supported, Intel Advanced Vector Extensions 512 (AVX-512), Mode-based Execute Control (MBE), Intel Volume Management Device (VMD), Intel Run Sure Technology, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Advanced Vector Extensions (AVX)