

# Intel Xeon 6756E / 1.8 GHz processor - OEM



Not in stock

SKU	PK8077105931000
Product Description:	Intel Xeon 6756E / 1.8 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon 6756E
Number of Cores:	128-core / 128 threads
Cache:	96 MB
Compatible Processor Socket:	FCLGA4710 Socket
Processor Qty:	1

## General

Product Type:

Processor

## Dimensions & Weight (Shipping)

Shipping Width:	7.75 cm
Shipping Depth:	5.65 cm

## Miscellaneous

Package Type: OEM/tray

## Processor

Type / Form Factor:	Intel Xeon 6756E
Number of Cores:	128-core
Number of Threads:	128 threads
Cache:	96 MB
Cache Memory Details:	96 MB
Processor Qty:	1
Clock Speed:	1.8 GHz
Max Turbo Speed:	2.6 GHz
Compatible Processor Socket:	FCLGA4710 Socket
Manufacturing Process:	5 nm

## Processor

Thermal Design Power: 225 W

Thermal Specification: 96 °C

PCI Express Revision: 5.0

PCI Express Lanes Qty: 88

### Architecture Features:

Intel QuickAssist Technology (QAT) 2 default devices, Intel Dynamic Load Balancer (DLB) 2 default devices, Intel Data Streaming Accelerator (DSA) 2 default devices, Intel In-memory Analytics Accelerator (IAA) 2 default devices, 512 GB maximum Enclave Page Cache (EPC) size for Intel SGX, Execute Disable Bit capability, Intel 64 Technology, Intel Advanced Vector Extensions 2 (AVX2.0), Intel Boot Guard, Intel Control-Flow Enforcement Technology, Intel Crypto Acceleration, Intel OS Guard, Intel Platform Firmware Resilience Support, Intel QuickAssist Software Acceleration, Intel Resource Director Technology (RDT), Intel Total Memory Encryption, Intel Total Memory Encryption - Multi Key, Intel Virtualization Technology for Directed (VT-x), Intel Virtualization Technology for Directed I/O (VT-d), Intel Volume Management Device (VMD), Mode-based Execute Control (MBEC)

