

Intel Xeon Gold 6238 / 2.1 GHz processor



20-05-2024

SKU	BX806956238
Product Description:	Intel Xeon Gold 6238 / 2.1 GHz processor
Product Type:	Processor
Processor Type:	Intel Xeon Gold 6238
Number of Cores:	22-core / 44 threads
Cache:	30.25 MB
Compatible Processor Socket:	LGA3647 Socket
Processor Qty:	1

General

Product Type:

Processor

Processor	Type / Form Factor:	Intel Xeon Gold 6238
	Number of Cores:	22-core
	Number of Threads:	44 threads
	Cache:	30.25 MB
	Cache Memory Details:	Smart Cache - 30.25 MB
	Processor Qty:	1
	Clock Speed:	2.1 GHz
	Max Turbo Speed:	3.7 GHz
	Compatible Processor Socket:	LGA3647 Socket
	Manufacturing Process:	14 nm
	Thermal Design Power:	140 W
	Thermal Specification:	92 °C
	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, Intel Trusted Execution Technology, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Intel Virtualization Technology for Directed I/O (VT-d), Intel vPro Technology, Intel VT-x with Extended Page Tables (EPT), Intel TSX-NI, 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)

