



**Hewlett Packard
Enterprise**

Opzione

OPT HPE P02502-B21 CPU INTEL XEON-G 6230 20-CORE (2.10GHZ 27

Description

Product Collection
2nd Generation Intel® Xeon® Scalable Processors
Code Name Products formerly Cascade Lake
Vertical Segment Server
Processor Number 6230
Lithography 14 nm

Performance

of Cores 20
of Threads 40
Processor Base Frequency 2.10 GHz
Max Turbo Frequency 3.90 GHz
Cache 28 MB
of UPI Links 3
TDP 125 W

Supplemental Information

Embedded Options Available Yes

Memory Specifications

Max Memory Size (dependent on memory type) 1 TB
Memory Types DDR4-2933
Maximum Memory Speed 2933 MHz
Max # of Memory Channels 6
ECC Memory Supported ‡ Yes
Intel® Optane™ DC Persistent Memory Supported Yes

Expansion Options

Scalability 4S
PCI Express Revision 3.0
Max # of PCI Express Lanes 48

Package Specifications

Sockets Supported FCLGA3647

TCASE 87°C

Package Size 76.0mm x 56.5mm

Advanced Technologies

Intel® Deep Learning Boost (Intel® DL Boost) Yes

Intel® Speed Select technology – Performance Profile No

Intel® Speed Select technology – Base Frequency No

Intel® Resource Director Technology (Intel® RDT) Yes

Intel® Speed Shift Technology Yes

Intel® Turbo Boost Max Technology 3.0 ‡ No

Intel® Turbo Boost Technology ‡ 2.0

Intel® vPro™ Platform Eligibility ‡ Yes

Intel® Hyper-Threading Technology ‡ Yes

Intel® Virtualization Technology (VT-x) ‡ Yes

Intel® Virtualization Technology for Directed I/O (VT-d) ‡ Yes

Intel® VT-x with Extended Page Tables (EPT) ‡ Yes

Intel® TSX-NI Yes

Intel® 64 ‡ Yes

Instruction Set Extensions Intel® AVX-512

of AVX-512 FMA Units 2

Enhanced Intel SpeedStep® Technology Yes

Intel® Volume Management Device (VMD) Yes

Security & Reliability

Intel® AES New Instructions Yes

Intel® Trusted Execution Technology ‡ Yes

Execute Disable Bit ‡ Yes

Intel® Run Sure Technology Yes

Mode-based Execute Control (MBE) Yes

Meta Fields

SKU : 06.6864

REGULAR PRICE : 2588.12