



HP Xeon E5-2620 v2 6C 2.1GHz processor 15 MB L3

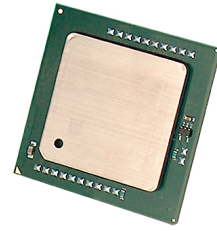
Brand : HP

Product code: E2Q67AV

Product name : Xeon E5-2620 v2 6C 2.1GHz

Intel Xeon Processor E5-2620 v2 (15M Cache, 2.10 GHz)

HP Xeon E5-2620 v2 6C 2.1GHz. Processor family: Intel® Xeon® E5 V2 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 22 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 768 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Supported instruction sets: AVX, Scalability: 2S. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



| Processor | | Features | |
|--|---------------------------|--|------------|
| Processor model * | E5-2620V2 | Maximum number of PCI Express lanes | 40 |
| Processor base frequency * | 2.1 GHz | PCI Express slots version | 3.0 |
| Processor family * | Intel® Xeon® E5 V2 Family | Supported instruction sets | AVX |
| Processor cores * | 6 | Scalability | 2S |
| Processor socket * | LGA 2011 (Socket R) | Physical Address Extension (PAE) | ✓ |
| Component for | Server/workstation | Embedded options available | ✓ |
| Processor lithography * | 22 nm | Processor special features | |
| Processor threads | 12 | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| System bus rate | 7.2 GT/s | Intel® Identity Protection Technology (Intel® IPT) | ✗ |
| Processor operating modes * | 64-bit | Intel® Turbo Boost Technology | ✓ |
| Processor boost frequency | 2.6 GHz | Intel Flex Memory Access | ✗ |
| Processor cache | 15 MB | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Processor cache type | L3 | Enhanced Intel SpeedStep Technology | ✓ |
| Thermal Design Power (TDP) | 80 W | Intel Trusted Execution Technology | ✓ |
| VID Voltage Range | 0.6 - 1.30 V | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Bus type | QPI | Intel Demand Based Switching | ✓ |
| Number of QPI links | 2 | Intel® Secure Key | ✓ |
| Memory bandwidth supported by processor (max) | 51.2 GB/s | Intel Virtualization Technology (VT-x) | ✓ |
| Memory | | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Maximum internal memory supported by processor | 768 GB | Intel® vPro™ Platform Eligibility | ✓ |
| Memory types supported by processor | DDR3-SDRAM | Operational conditions | |
| Memory clock speeds supported by processor | 800,1066,1333,1600 MHz | Tcase | 71 °C |
| Memory channels * | Quad-channel | Other features | |
| ECC | ✓ | Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x |
| Graphics | | | |
| On-board graphics card * | ✗ | | |
| Features | | | |
| Execute Disable Bit | ✓ | | |
| Idle States | ✓ | | |
| Thermal Monitoring Technologies | ✓ | | |
| Market segment | Server | | |

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 01-JAN-2024. Prints or copies of Information are only valid on the printed Publication date