



Fujitsu Intel Xeon E5-2470 8C/16T 2.30 GHz 20 MB processor 2.3 GHz L3



Brand : Fujitsu

Product code: S26361-F4566-L230

Product name : Intel Xeon E5-2470 8C/16T 2.30 GHz 20 MB

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The Xeon® Processor from Fujitsu is designed to deliver enhanced reliability and flexibility for server platforms. This processor offers excellent performance and headroom for peak Internet server loads, resulting in faster response times, support for more users and improved scalability. It has been tested and validated on Fujitsu systems to ensure it will work with your system. This processor is fully supported by Fujitsu Technical Support when used with a Fujitsu system.



Fujitsu Intel Xeon E5-2470 8C/16T 2.30 GHz 20 MB. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 1356 (Socket B2), Processor lithography: 32 nm. Memory channels: Triple-channel, Maximum internal memory supported by processor: 375 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Scalability: S2S. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x, Compatibility: PRIMERGY BX920 S3

| Processor | | Features | |
|--|------------------------|--|-------------------|
| Processor model * | E5-2470 | Idle States | ✓ |
| Processor base frequency * | 2.3 GHz | Thermal Monitoring Technologies | ✓ |
| Processor family * | Intel® Xeon® E5 Family | Market segment | Server |
| Processor cores * | 8 | Maximum number of PCI Express lanes | 24 |
| Processor socket * | LGA 1356 (Socket B2) | PCI Express slots version | 3.0 |
| Component for | Server/workstation | Scalability | S2S |
| Processor lithography * | 32 nm | CPU configuration (max) | 2 |
| Processor threads | 16 | Processor special features | |
| System bus rate | 8 GT/s | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Processor operating modes * | 64-bit | Intel® Turbo Boost Technology | 2.0 |
| Processor boost frequency | 3.1 GHz | Intel Flex Memory Access | ✓ |
| Processor cache | 20 MB | Intel® Smart Cache | ✓ |
| Processor cache type | L3 | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Thermal Design Power (TDP) | 95 W | Enhanced Intel SpeedStep Technology | ✓ |
| VID Voltage Range | 0.60 - 1.35 V | Intel Trusted Execution Technology | ✓ |
| Bus type | QPI | Intel Demand Based Switching | ✓ |
| Number of QPI links | 1 | Intel Virtualization Technology (VT-x) | ✓ |
| Memory bandwidth supported by processor (max) | 38.4 GB/s | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Memory | | Intel® vPro™ Platform Eligibility | ✓ |
| Maximum internal memory supported by processor | 375 GB | Other features | |
| Memory types supported by processor | DDR3-SDRAM | Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x |
| Memory clock speeds supported by processor | 800,1066,1333,1600 MHz | Compatibility | PRIMERGY BX920 S3 |
| Memory channels * | Triple-channel | | |
| ECC | ✓ | | |
| Graphics | | | |
| On-board graphics card * | ✗ | | |
| Features | | | |
| Execute Disable Bit | ✓ | | |

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