



## HP Intel Xeon E5-2665 processor 2.4 GHz 20 MB L3

Brand : HP

Product code: 662320-B21

Product name : Intel Xeon E5-2665



Intel Xeon E5-2665 (20M Cache, 2.40 GHz, 8.00 GT/s)

HP Intel Xeon E5-2665. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 32 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 750 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server. Processor package size: 52.5 mm. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



| Processor                                      |                        | Graphics   |            |
|--|------------------------|--|------------|
| Processor model *                              | E5-2665                | On-board graphics card *                                 | ✗          |
| Processor base frequency *                     | 2.4 GHz                | <b>Features</b>  |            |
| Processor family *                             | Intel® Xeon® E5 Family | Execute Disable Bit                                      | ✓          |
| Processor cores *                              | 8                      | Idle States  | ✓          |
| Processor socket *                             | LGA 2011 (Socket R)    | Thermal Monitoring Technologies                          | ✓          |
| Component for                                  | Server/workstation     | Market segment   | Server     |
| Processor lithography *                        | 32 nm                  | <b>Processor special features</b>                        |            |
| Processor threads                              | 16                     | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓          |
| System bus rate                                | 8 GT/s                 | Intel® Turbo Boost Technology                            | 2.0        |
| Processor operating modes *                    | 64-bit                 | Enhanced Intel SpeedStep Technology                      | ✓          |
| Processor boost frequency                      | 3.1 GHz                | Intel Virtualization Technology (VT-x)                   | ✓          |
| Processor cache                                | 20 MB                  | Intel Virtualization Technology for Directed I/O (VT-d)  | ✓          |
| Processor cache type                           | L3                     | Intel® vPro™ Platform Eligibility                        | ✓          |
| Thermal Design Power (TDP)                     | 115 W                  | <b>Operational conditions</b>                            |            |
| VID Voltage Range                              | 0.60 - 1.35 V          | Tcase  | 81.8 °C    |
| Number of QPI links                            | 2                      | <b>Weight &amp; dimensions</b>                           |            |
| Memory bandwidth supported by processor (max)  | 51.2 GB/s              | Processor package size                                   | 52.5 mm    |
| <b>Memory</b>                                  |                        | <b>Other features</b>                                    |            |
| Maximum internal memory supported by processor | 750 GB                 | Intel® Virtualization Technology (Intel® VT)             | VT-d, VT-x |
| Memory types supported by processor            | DDR3-SDRAM             |  |            |
| Memory clock speeds supported by processor     | 800,1066,1333,1600 MHz |  |            |
| Memory channels *                              | Quad-channel           |  |            |
| ECC  | ✓                      |  |            |

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