



Lenovo ThinkServer RD550 server 0 GB Rack (1U) Intel Xeon E5 v3 E5-2650V3 2.3 GHz 8 GB DDR4-SDRAM 750 W

Brand : Lenovo

Product family: ThinkServer

Product code: 70CV001FUX

Product name : RD550



2x Intel Xeon E5-2650 v3 (10C/2.3GHz/25MB), 1x8GB 2133MHz RDIMM (up to 384GB DDR4), 4x3.5" HS, RAID 510i, DVD±RW, 1x RJ45 GbE, 2x USB 3.0, 2x USB 2.0, 2x DisplayPorts, 1x serial, 750W (Platinum), No OS

Lenovo ThinkServer RD550. Processor family: Intel Xeon E5 v3, Processor frequency: 2.3 GHz, Processor model: E5-2650V3. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 8 GB. Total storage capacity: 0 GB, HDD size: 3.5", HDD interface: Serial ATA III, Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Optical drive type: DVD±RW. Power supply: 750 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)



| Processor | | Performance | |
|--|--------------------|--|--------|
| Processor manufacturer * | Intel | Noise level | 6.5 dB |
| Processor family * | Intel Xeon E5 v3 | Trusted Platform Module (TPM) | ✓ |
| Processor model * | E5-2650V3 | Trusted Platform Module (TPM) version | 1.2 |
| Processor frequency * | 2.3 GHz | Software | |
| Processor boost frequency | 3 GHz | Operating system installed * | ✗ |
| Processor cores | 10 | Compatible operating systems * | |
| Processor cache | 25 MB | | |
| Motherboard chipset | Intel® C612 | - Microsoft Windows Server 2012 R2, 2012, 2008 R2, Windows Small Business Server 2011 - Red Hat Enterprise Linux 6.5, SUSE Linux Enterprise Server 11 - VMware vSphere (ESXi) 5.5 U2 | |
| Memory channels supported by processor | Quad | | |
| Number of processors installed | 2 | Processor special features | |
| Thermal Design Power (TDP) | 105 W | CPU configuration (max) | 2 |
| Processor cache type | Smart Cache | Intel Rapid Storage Technology | ✗ |
| System bus rate | 9.6 GT/s | Enhanced Intel SpeedStep Technology | ✓ |
| Maximum number of SMP processors | 2 | Intel® Identity Protection Technology (Intel® IPT) | ✗ |
| Processor socket | LGA 2011-v3 | Intel® Wireless Display (Intel® WiDi) | ✗ |
| Processor lithography | 22 nm | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Processor threads | 20 | Intel® Anti-Theft Technology (Intel® AT) | ✗ |
| Processor operating modes | 64-bit | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Stepping | M1 | Intel® My WiFi Technology (Intel® MWT) | ✗ |
| FSB Parity | ✗ | Intel® Turbo Boost Technology | 2.0 |
| Bus type | QPI | Intel® Quick Sync Video Technology | ✗ |
| Number of QPI links | 2 | Intel® InTru™ 3D Technology | ✗ |
| Processor codename | Haswell | Intel® Clear Video HD Technology (Intel® CVT HD) | ✗ |
| Tcase | 78.9 °C | Intel® Insider™ | ✗ |
| Maximum internal memory supported by processor | 768 GB | Intel Flex Memory Access | ✗ |
| Memory types supported by processor | DDR4-SDRAM | Intel® Smart Cache | ✓ |
| Memory clock speeds supported by processor | 1600,1866,2133 MHz | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Memory bandwidth supported by processor (max) | 68 GB/s | | |
| ECC supported by processor | ✓ | | |
| Execute Disable Bit | ✓ | | |
| Idle States | ✓ | | |
| Thermal Monitoring Technologies | ✓ | | |

| Processor | | Processor special features | |
|---|--|---|-------------------------------------|
| Maximum number of PCI Express lanes | 40 | Intel Trusted Execution Technology | ✓ |
| PCI Express configurations | x4, x8, x16 | Intel Enhanced Halt State | ✓ |
| Processor package size | 52.5 x 45 mm | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Supported instruction sets | AVX 2.0 | Intel Demand Based Switching | ✓ |
| Processor code | SR1YA | Intel® Secure Key | ✓ |
| Scalability | 2S | Intel TSX-NI | ✗ |
| Physical Address Extension (PAE) | 46 bit | Intel® OS Guard | ✓ |
| Embedded options available | ✗ | Intel Clear Video Technology | ✗ |
| Processor series | Intel Xeon E5-2600 v3 | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗ |
| Conflict-Free processor | ✗ | Intel 64 | ✓ |
| Memory | | Intel Identity Protection Technology version | 0.00 |
| Internal memory * | 8 GB | Intel Secure Key Technology version | 1.00 |
| Internal memory type * | DDR4-SDRAM | Intel Virtualization Technology (VT-x) | ✓ |
| Buffered memory type | Registered (buffered) | Intel TSX-NI version | 0.00 |
| Memory slots | 24x DIMM | Intel Dual Display Capable Technology | ✗ |
| ECC | ✓ | Intel FDI Technology | ✗ |
| Memory clock speed | 2133 MHz | Intel Fast Memory Access | ✗ |
| Memory layout (slots x size) | 1 x 8 GB | Processor ARK ID | 81705 |
| Maximum internal memory * | 384 GB | Power | |
| Storage | | Redundant power supply (RPS) support * | ✓ |
| Total storage capacity * | 0 GB | Power supply * | 750 W |
| HDD interface | Serial ATA III, Serial Attached SCSI (SAS) | Number of main power supplies | 1 |
| HDD size | 3.5" | Operational conditions | |
| Number of HDDs supported | 4 | Operating temperature (T-T) | 5 - 45 °C |
| RAID support * | ✓ | Storage temperature (T-T) | -10 - 60 °C |
| RAID levels | 0, 1, 10 | Operating relative humidity (H-H) | 8 - 90% |
| Hot-swap | ✓ | Storage relative humidity (H-H) | 8 - 90% |
| Optical drive type * | DVD±RW | Operating altitude | 0 - 3048 m |
| Graphics | | Weight & dimensions | |
| On-board graphics card | ✓ | Width | 482 mm |
| Maximum graphics card memory | 16 MB | Depth | 780 mm |
| Network | | Height | 43 mm |
| Ethernet LAN | ✓ | Weight | 13.5 kg |
| Cabling technology | 10/100/1000Base-T(X) | Other features | |
| Ethernet interface type | Gigabit Ethernet | Graphics card | AST2400 |
| Ports & interfaces | | Security features | Power-on and administrator password |
| Ethernet LAN (RJ-45) ports * | 1 | Graphics card family | Aspeed |
| USB 2.0 ports quantity | 2 | Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 2 | | |
| Serial ports quantity | 1 | | |
| DisplayPorts quantity | 2 | | |
| Expansion slots | | | |
| PCI Express x16 (Gen 3.x) slots | 2 | | |
| PCI Express slots version | 3.0 | | |
| Design | | | |
| Chassis type * | Rack (1U) | | |
| Redundant fans support | ✓ | | |

Catalog Object Cloud



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