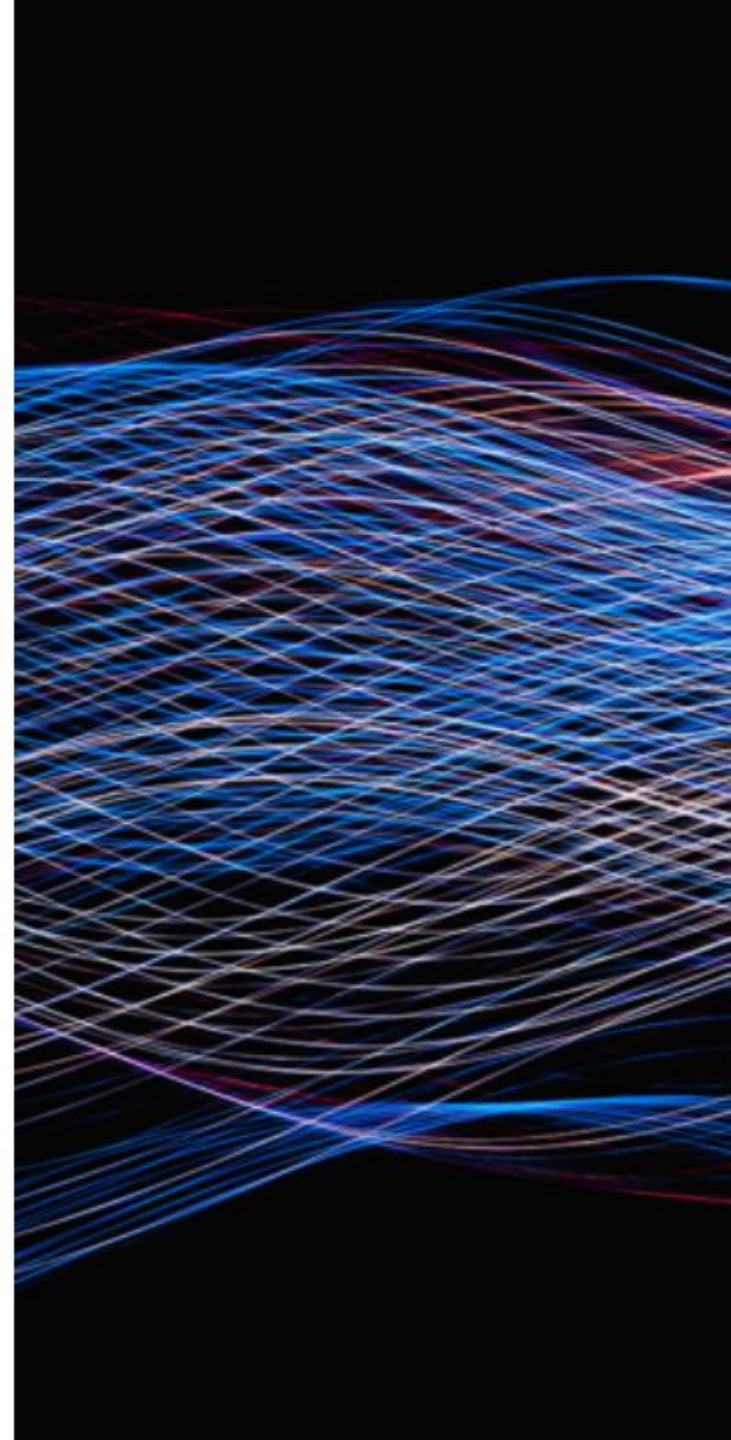


Detailed changes of x3550 M5 and x3650 M5



New CPU, DIMM speed, logo, and XClarity Administrator support of x3550 M5 and x3650 M5

- New Xeon E5-2600 v4 CPU
- Supports only 2400 MHz DIMM
- Flash DIMMs are not supported
- New machine types:
 - x3550 M5: 8869
 - x3650 M5: 8871
- New logo

- XClarity Administrator is supported. Supported features include:
 - Auto-discovery
 - Inventory tracking
 - Monitoring and alerting
 - Call Home
 - Identify and apply critical updates using policies
 - Configure hardware using patterns
 - Install hypervisors and operating systems



New lenovo logo

Updated OS support list for x3550 M5 and x3650 M5

Updated OS support list for x3550 M5 and x3650 M5

(Refer to the System ServerProven plan for the most up-to-date list of supported operating systems)

Operating System	Xeon E5-2600 v4 model
Microsoft Windows Server 2008 R2	✓
Microsoft Windows Server 2012 R2	✓
Microsoft Windows Server 2012	✓
SUSE LINUX Enterprise Server 11.4 x86 SP4	✓
SUSE LINUX Enterprise Server 11.4 x64 SP4	✓
SUSE LINUX Enterprise Server 11.4 with Xen x86	✓
SUSE LINUX Enterprise Server 11.4 with Xen x64	✓
Red Hat Enterprise Linux 6 Server x64 Edition U7	✓
Red Hat Enterprise Linux 7.2 x64 U2	✓
SUSE Enterprise Linux Server (SLES) 12.1	✓
SUSE Enterprise Linux Server (SLES) 12.1 with XEN	✓
VMware vSphere 5.1 (ESXi)	✗
VMware vSphere 5.5 (ESXi) U3	✓
VMware vSphere 6.0 (ESXi) U2	✓

✓ Supported ✗ Not supported

x3550 M5 front chassis changes

The following changes have been made to the x3550 M5 front chassis:

x3550 M5 chassis configuration	Xeon E5-2600 v3 model front chassis	Xeon E5-2600 v4 model front chassis
Eight 2.5-inch HDDs (without ODD)	Default: One USB 2.0 port and one USB 3.0 port	Default: One USB 2.0 port Optional: Two USB 2.0 ports
Eight 2.5-inch HDDs (with ODD)	Configuration 1: ODD and VGA Bay Configuration 2 : Aria LCD and ODD and VGA Bay	Default: Blank (no LCD/VGA/ODD Bay) and one USB 2.0 port Optional 1: (ODD and VGA) Bay and two USB 2.0 ports Optional 2: (ODD and VGA) Bay and Aria LCD Bay and two USB 2.0 ports
Ten 2.5-inch HDDs or Four 3.5-inch HDDs	Default: Two USB 2.0 ports and one USB 3.0 port	Default: Three USB 2.0 ports

x3550 M5 rear chassis changes

The following changes have been made to the x3550 M5 rear chassis:

x3550 M5 chassis configuration	Xeon E5-2600 v3 model rear chassis	Xeon E5-2600 v4 model rear chassis
Eight 2.5-inch HDDs or Ten 2.5-inch HDDs or Four 3.5-inch HDDs	Default: Two USB 3.0 ports and one USB 2.0 port	Default: Two USB 3.0 ports and one USB filler (fills in one USB 2.0 port)

x3550 M5 system board changes

The following changes have been made to the x3550 M5 system board:

Xeon E5-2600 v3 model system board	Xeon E5-2600 v4 model system board
Default: Two iPass ports	Default: Removed two iPass ports
Default: One 7-pin SATA interface connector	Default: Removed 7-pin SATA interface connector
Default: Hypervisor USB 3.0 with lock	Default: Hypervisor USB 2.0 without lock

x3550 M5 fan configuration changes

The following changes have been made to the x3550 M5 fan configurations:

x3550 M5 chassis configuration	Xeon E5-2600 v3 model fan configuration	Xeon E5-2600 v4 model fan configuration
Ten 2.5-inch HDDs or Eight 2.5-inch HDDs	Default: Eight 4056 fans (6+2)	Default: Seven 4056 fans (5+2) (Fan4 has been removed, and the corresponding fan connector has been removed from the system board)
	(1 CPU = 6 Fans, 2 CPUs = 8 Fans, support N+1 redundant)	(1 CPU = 5 Fans, 2 CPUs = 7 Fans, support N+1 redundant)
Four 3.5-inch HDDs	Default: Seven 4056 fans (5+2)	No change from Xeon E5-2600 v3 model
	(1 CPU = 5 Fans, 2 CPUs = 7 Fans, support N+1 redundant)	Default: Seven 4056 fans (5+2) (1 CPU = 5 Fans, 2 CPUs = 7 Fans, support N+1 redundant)

x3650 M5 front chassis changes

The following changes have been made to the x3650 M5 front chassis:

x3650 M5 chassis configuration	Xeon E5-2600 v3 model front chassis	Xeon E5-2600 v4 model front chassis
Eight 2.5-inch HDDs or Sixteen 2.5-inch HDDs (without ODD)	Default: Two USB 2.0 ports and one USB 3.0 port	Default: One USB 2.0 port Optional: Three USB 2.0 ports
Eight 2.5-inch HDDs or Sixteen 2.5-inch HDDs (with ODD)	Default: Aria LCD and ODD Bay	Default: Blank Optional 1: ODD Bay Optional 2: ODD Bay and Aria LCD Bay
Twenty-four 2.5-inch HDDs or Twelve 3.5-inch HDDs	Default: Two USB 3.0 on right EIA	Default: Two USB 3.0 on right EIA (no change)
Eight 3.5-inch HDDs	Default: Two USB 3.0 and one USB 2.0 ports	Default: Two USB 3.0 and one USB 2.0 ports (no change)
Eight 2.5-inch HDDs or Sixteen 2.5-inch HDDs or Twenty-four 2.5-inch HDDs or Eight 3.5-inch HDDs or Twelve 3.5-inch HDDs	Default: Left Ear with VGA DB15 connector	Default: Left ear is blank Optional: Left ear with DB15 connector

x3650 M5 rear chassis changes

The following changes have been made to the x3650 M5 rear chassis:

x3650 M5 chassis configuration	Xeon E5-2600 v3 model rear chassis	Xeon E5-2600 v4 model rear chassis
Eight 2.5-inch HDDs or Sixteen x 2.5-inch HDDs or Twenty-four 2.5-inch HDDs or Eight 3.5-inch HDDs or Twelve 3.5-inch HDDs	Default: Two USB 3.0 ports and two USB 2.0 ports	Default: Two USB 3.0 ports and one USB filler (fills in two USB 2.0 ports)
Eight 2.5-inch HDDs or Sixteen 2.5-inch HDDs or Twenty-four 2.5-inch HDDs or Eight 3.5-inch HDDs or Twelve 3.5-inch HDDs	Vertical x16 bandwidth PCIe slot 5	Vertical x8 bandwidth PCIe slot 5

x3650 M5 system board changes

The following changes have been made to the x3650 M5 system board:

Xeon E5-2600 v3 model system board	Xeon E5-2600 v4 model system board
Default: Two iPass ports	Default: Removed two iPass ports
Default: Two XIV connectors	Default: Removed XIV connectors
Default: Hypervisor USB 3.0 with lock	Default: Hypervisor USB 2.0 without lock

x3650 M5 fan configuration changes

The following changes have been made to the x3650 M5 fan configurations:

x3650 M5 chassis configuration	Xeon E5-2600 v3 model fan configuration	Xeon E5-2600 v4 model fan configuration
Eight 2.5-inch HDDs or Sixteen 2.5-inch HDDs or Twenty-four 2.5-inch HDDs or Eight 3.5-inch HDDs or Twelve 3.5-inch HDDs	Default: Six 6056 dual rotor fans (4+2)	Default: Six 6038 single rotor fans (4+2) Does not support mixed 6038 and 6056 fans in the same system
	(1 CPU = 4 fans, 2 CPU = 6 fans, support N+1 redundant)	(1 CPU = 4 fans, 2 CPUs 6 fans, support N+1 redundant)