## ThinkSystem SR630 Platform Specifications

Processor         Platium         Up to 28 cores at 2.5GHz, up to 3.2GHz with 4 cores Two processors are connected with two UP (UB mAhu bus, up to 10.4GHz).         Power supply upplies. Or up to two included hold-water 0002-2000           Chipsat         Intal C242 Platiom Controller Hub memory processors are 1002-2000.         Colored Colored Colored Processors (Processor)         Video         Video         Power supply upplies. Or up to two included hold-water 0002-2000.           Up to 76630 with a 24 so GB FDIMMs and two processors. Or up to 110 FDIMMs are supported. Dut Processors (Processor).         Colored Processors (Processor).         Processors (Processor).	Components	Specification	Components	Specification
Dimensionel         Height All min (1 / Pi), Vinit 428 mm (19 Jun) with rack latches. Dept: / / 43 mm         Base warrantly IMIT 2022. Special status in the SNRD           Processor         <	Form factor		GPU support	
Neight         Name         <	Dimensions		m	
Processor         Platium         Up to 28 cores at 2.5GHz, up to 3.2GHz with 4 cores Two processors are connected with two UP (UB mAhu bus, up to 10.4GHz).         Power supply upplies. Or up to two included hold-water 0002-2000           Chipsat         Intal C242 Platiom Controller Hub memory processors are 1002-2000.         Colored Colored Colored Processors (Processor)         Video         Video         Power supply upplies. Or up to two included hold-water 0002-2000.           Up to 76630 with a 24 so GB FDIMMs and two processors. Or up to 110 FDIMMs are supported. Dut Processors (Processor).         Colored Processors (Processor).         Processors (Processor).			Base warranty	
Chipael         Intel Ca24 Platform Controller         Integrated Matrix 0200 in XClarity Controller           Memory         Up to 24 DMM sockets. Each processor supports up to 12 DMM sockets with channes; Upback and the intermated socket. Each processor support         The Case of the Case	Processor	Platinum. Up to 28 cores at 2.5GHz, up to 3.6GHz with 4 cores. Two processors a	re Power supply	Up to two redundant hot-swap 550W/750W/1100W 80 PLUS Platinum qualified power supplies. Or up to two redundant hot-swap 750W Titanium qualified power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V
Memory         6 channels. DDHA-2666, RDIMMs, LRDIMMs, 3DS RDIMMs are supported, but memory types cannot be intermed add SDR RDIMMs are supported. July memory types cannot be intermed add SDR RDIMMs are supported. July Plo 1986B with 24 x 32 GB RDIMMs and two processors. July 10 1 3 CIE with PloT BRGB with 24 x 32 GB RDIMMs and two processors supports. 16 TB memory per socket, non-M suffix processors upports 768GB memory per socket.         One VCA, two USB 3.0, one XClarity Controller USB connector, one USB 3.0, one XClarity Controller USB 2.0, one XClarity Control USB 2.0, one XClarity Control USB 2.0, one XClarity Control USB 2.0, one XClarity Controll	Chipset	· · · · · ·	Video	
Immony types cannot be intermixed. 3DS PDIMM is planned to available later (by to 7868 Min 24 x 32 G B PDIMMs and two processors. Or up to 315 with 24 x 64 GB LPDIMMs and two processors. Or up to 315 with 24 x 64 GB LPDIMMs and two processors. Or up to 315 with 24 x 128 G B 30.         One XClaitly Controller USB connector, one USB 30. one optional VGA Memory protection           Memory protection         ECC, memory mirroring, and memory sparing         One doctace thermal RAD bit 24 x 128 G B 30.         Rear ports           Memory protection         ECC, memory mirroring, and memory sparing         As the 1 set of cert is defined to 00 and doctace thermal RAD bit 26 x 126 kB 30.         The memory mirroring, and memory sparing         As the 1 set of cert is defined to 00 and doctace thermal RAD bit 26 x 126 kB 30.           Storage controllers         Feature memory mirroring, and memory sparing         As the 1 set of cert is defined to 00 and doctace thermal RAD bit 26 x 30.         The memory mirroring, and memory sparing         As the 1 set of cert is defined to 00 and doctace thermal RAD bit 26 x 30.           Storage controllers         Feature method sets 140.         The memory mirroring, and memory sparing         The memory mirroring, and memory sparing         The memory mirroring, and memory sparing           Storage controllers         Feature method sets 140.         Feature method sets 140. <td>Memory</td> <td></td> <td>Cooling</td> <td>Five fans (4+1) for single processor model, seven fans (6+1) for dual processor model</td>	Memory		Cooling	Five fans (4+1) for single processor model, seven fans (6+1) for dual processor model
Memory capacity PLA 44 GB L RDIMMs and two processors. Grup to STB with 24 x128 GB SUS memory poted.         Plant processor Multiple in Construction of Mark Information Supervised Memory poted.         COM port           Memory protection Columna protection Columna protocol and the memory sparing for societ.         Columna protocol and the memory sparing memory protection for societ.         Columna protocol and the memory sparing for societ.         Columna protocol and the memory sparing for societ.         Columna for societ.<			Front ports	
memory per socket         memory per socket           Memory protection         CCC, memory minroing, and memory sparse         AF PC & add Call for the stage           Memory protection         Concernation (Concernation)         AF PC & add Call for the stage           Memory protection         Concernation (Concernation)         AF PC & add Call for the stage           Non-Mark         Feature memory sparse         AF PC & add Call for the stage           Storage controllers         Feature memory sparse         AF PC & add Call for the stage           Storage controllers         Feature memory sparse         Add Call Stage           Storage controllers         Feature memory sparse         Non-Mark (Concernation)           Storage controllers         Storage controllers         Non-Mark (Concernation)           Storage controllers         Storage controllers         Non-Mark (Concernation)         Add Call Stath Loaden (Concernation)           Storage controllers         Storage controllers         Non-Mark (Concernation)         Add Call Stath Loaden (Concernation)           Storage controllers         Storage controllers         Non-Mark (Concernation)         Add Call Stath Loaden (Concernation)           Storage controllers         Storage controllers         Non-Mark (Concernation)         Add Call Stath Loaden (Concernation)           Storage controllers         Storage controllers<	Memory capacity	24 x 64 GB LRDIMMs and two processors. Or up to 3TB with 24 x 128 GB 3DS	Rear ports	COM port
Memory protection ECC, memory mirroring, and memory sparing. Security features and the internal FAID bits for most RAID/HBA adapters. Supports the following real-memory adapters in the following real-memory internation of the second adapters in the following real-memory internation of the second adapters in the following real-memory internation of the second adapters in the following real-memory internation of the second adapters inter				
Storage controllers       Feature Interface Toring type RAD (web 3000 Cathe gradient in the subject of a storage for the storage for t	Memory protection			Temperature - operating         A4: 5°C to 45°C (41°F to 113°F)           A3: 5°C to 40°C (41°F to 104°F)
Final term	Storage controllers			Temperature - non operating (no package)         -10°C to 60°C (14°F to 140°F)           Temperature - non operating (with package)         -40°C to 70°C (-40°F to 158°F)
Storage controlles Storage controlles Storag		realize Drive type RAID levels 3000 Cache protection rasinaling ty		Humidity - operating, non-condensing A4: 8%~90%. A3:8%~85%. A2:20%~80%
Bit drive bays     Supports 4 front 3.5" SATA/SAS (2017)05509000 [vs. 460 [Flash backup [vs. 2] 2430-16 [120pps AS [3ATA/SAS ]: Vis. None None ]: 2		730-8i         12Gbps SAS         SATA/SAS         0/1/10/5/50         Yes         1GB         None         No         1           930-8i         12Gbps SAS         SATA/SAS         0/1/10/5/50/6/60         Yes         2GB         Flash backup         Yes         1           930-16i         12Gbps SAS         SATA/SAS         0/1/10/5/50/6/60         Yes         4GB         Flash backup         Yes         1           930-16i         12Gbps SAS         SATA/SAS         0/1/10/5/50/6/60         Yes         4GB         Flash backup         Yes         1           430-8i         12Gbps SAS         SATA/SAS         -         Yes         None         -         1	specification	Models should meet the following requirements to support A3 and A4: • Processors with TDP higher than or equal to 150-Watt and Xeon 4112, 5122, 6126, 6128, 6132, 6134, 6134M, and 8156 processors not installed • Both NWMe 2.5" SSD and NVMe PCie adapter not installed
Note:         Role:         Role: <th< td=""><td>930-8e         12Gbps SAS         SATA/SAS         0/1/10/5/50/6/60         Yes         4GB         Flash backup         Yes         2           430-8e         12Gbps SAS         SATA/SAS         -         Yes         None         -         2</td><td>-</td><td><ul> <li>Must have redundant PSU</li> <li>RAID super capacitor module cannot be installed on the bottom of the air baffle, but only can be installed on the chassis.</li> </ul></td></th<>		930-8e         12Gbps SAS         SATA/SAS         0/1/10/5/50/6/60         Yes         4GB         Flash backup         Yes         2           430-8e         12Gbps SAS         SATA/SAS         -         Yes         None         -         2	-	<ul> <li>Must have redundant PSU</li> <li>RAID super capacitor module cannot be installed on the bottom of the air baffle, but only can be installed on the chassis.</li> </ul>
Supports 4 front 3.5' SALA/SAS HS bays, or 8 front 2.5' SALA/SAS HS bays, or 0 front 2.5' SALA/SAS HS bays, or 10 front 2.5' AnyBay will be later.         Disk drive bays       Optional 2 rear 2.5' HS bays are supported on 10 x 2.5' model, takes place in riser card 1 location.       Stot 2.5' disk or 2.5' disks disks or 2.5' disks or 2.5' disks disks or 2.5' disks or 2.5' disks or 2.5' disks or 2.5' disks			certification	
Por 3.5° bay         3.5° HDD. SATAGODES. 7.2% (TH2/TB/2TB/3TB/2TB 2/TB/3TB/3TB 2/TB/3TB/3TB/3TB/3TB/3TB/3TB/3TB/3TB/3TB/	Disk drive bays	front 2.5" SATA/SAS HS bays with 4 AnyBay support. 10 front 2.5" AnyBay will be available later. Optional 2 rear 2.5" HS bays are supported on 10 x 2.5" model, takes place in ris card 1 location.	er Optional LOM	
3.5* tray)       2.5* SSD_SATAGe0bes       240GB/480GB         1.1ternal storage       2.5* HDD_SATAGe0bes, 7.2K ITB2/TB       Option 1: PCIe 3.0 x8/x16 (slot 1-2). Low profile for x8, low profile or full height half length for x16         1.1ternal storage       2.5* HDD_SAT320bps, 7.2K ITB2/TB       Option 2: PCIe 3.0 x8/L16 (slot 1-2). Low profile for x8 ML2, low profile or full height half length for x16         2.5* HDD_SAT320bps, 15K 300GB/600GB/600GB/600GB       25* SSD_SATAGe0bes       26* SSD_SATAGe0bes         2.5* SSD_SATAGe0bes       26* SSD_SATAGe0bes       26* SSD_SATAGe0bes         2.5* SSD_SATAGe0bes       26* SSD_SATAGe0bes       26* SSD_SATAGe0bes         2.5* SSD_SATAGe0bes       26* SSD_SD_SATAGe0bes       26* SSD_SATAGe0bes         2.5* SSD_SATAGe0bes       26* SSD_SATAGe0bes       26* SSD_SATAGe0bes <td rowspan="3">Internal storage</td> <td>For 3.5" bay 3.5" HDD, SATA6Gbps, 7.2K  TB/2TB/4TB/4TB/6TB/8TB/10TB (3.5" disks or 2.5" disks with 5.5" HDD, SAS12Gbps, 7.2K  TB/2TB/4TB/4TB/4TB SED FIPS/6TB/10TB (3.5" disks or 2.5" disks with 5.5" HDD, SAS12Gbps, 15K 800GF800GB</td> <td>Expansion slots</td> <td>etwork connector 2XUSB 3.0 S</td>	Internal storage	For 3.5" bay 3.5" HDD, SATA6Gbps, 7.2K  TB/2TB/4TB/4TB/6TB/8TB/10TB (3.5" disks or 2.5" disks with 5.5" HDD, SAS12Gbps, 7.2K  TB/2TB/4TB/4TB/4TB SED FIPS/6TB/10TB (3.5" disks or 2.5" disks with 5.5" HDD, SAS12Gbps, 15K 800GF800GB	Expansion slots	etwork connector 2XUSB 3.0 S
PCIe 3.0 x4, HHHL adapter         NVMe SSD         1.6TB/1.92TB/3.2TB/3.84TB           Optical         No internal optical bay. Optional USB DVD±RW optical drive         Stot 3 (riser card 2)         PCIe 3.0 x 16, low profile, requires 2nd CPU. When slot 2 is full height, slot 3 cannot be used           Network interfaces         One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on Port 0 of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.         System unique options           Security features         Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel         Power 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE           Operating systems         Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE         ZMH7A02684         Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+LP Riser 1 Kit           Systems         XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner.         ZMH7A02682         Lenovo SR530/SR570/SR630 x16ML2/x8 PCIe LP+LP Riser 1 Kit           ZXH7A02683         Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit         ZMH7A02683         Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit           ZXH7A02684         Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit         ZMH7A02684         Lenovo SR630 x8630 x80 x16 PCIe LP+LP Riser 1 Kit		3.5" tray)         2.5" SSD, SATA6Gbps         240GB/480GB           2.5" HDD, SATA6Gbps, 7.2K         ITB/2TB           2.5" HDD, SAS12Gbps, 7.2K         ITB/2TB           2.5" HDD, SAS12Gbps, 10K         300GB/300GB SED/600GB/600GB SED/900GB           2.5" HDD, SAS12Gbps, 10K         300GB/300GB SED/600GB/600GB           2.5" HDD, SAS12Gbps, 10K         300GB/600GB/900GB           2.5" SD, SAS12Gbps, 15K         300GB/600GB/900GB           2.5" SSD, SAS12Gbps         400GB/800GB/304TB/7.68TB           2.5" SSD, SAS12Gbps         240GB/480GB		<ul> <li>Option 1: PCIe 3.0 x8/x16 (slot 1-2). Low profile for x8, low profile or full height half length for x16</li> <li>Option 2: PCIe 3.0 x8 ML2/x16 (slot 1-2). Low profile for x8 ML2, low profile or full height half length for x16</li> <li>Option 3: PCIe 3.0 x16 ML2/x8 (slot 1-2). Low profile for x16 ML2, low profile or full height half length for x8</li> </ul>
Optical         No internal optical bay. Optional USB DVD±RW optical drive         System unique options           Network interfaces         One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on Port 0 of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.         System unique options           Security features         Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel         7XH7A05894         Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit           Operating systems supported         Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE supported         TXH7A02684         Lenovo SR630 x16ML2/x8 PCIe LP+LP Riser 1 Kit           Systems management         XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials Linbt Path Diagnostics         Faterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner.         Faterprise are available. Energy Manager. XClarity Administrator.		PCIe 3.0 x4, HHHL adapter NVMe SSD 1.6TB/1.92TB/3.2TB/3.84TB	Slot 3 (riser card	2) PCIe 3.0 x 16, low profile, requires 2nd CPU. When slot 2 is full height, slot 3
One dedicated management port. One LOM slot for customized LOM with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on Port 0 of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.       7XH7A05896       Lenovo SR530/SR570/SR630 2.5" SATA/SAS 8-Bay Backplane Kit         Security features       Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel       Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel       7XH7A05894       Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit         Operating systems supported       Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.5/6.0 U3       7XH7A02684       Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit         Systems management       Xclarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials Light Path Diagnostics       7XH7A02677       Lenovo SR630/SR570/SR630 Front VGA Connector Upgrade Kit		M.2 boot drive M.2 SATA SSD 32GB/128GB		cannot be used
Network interfacesOne dedicated management port. One both soft for customized LOW with up to four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on port 0 of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires riser card with ML2 slot.7XH7A05896 Lenovo SR530/SR570/SR630 2.5" SATA/SAS 8-Bay Backplane Kit 7XH7A05893 Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit 7XH7A05893 Lenovo SR630 x16ML2/x8 PCIe LP+FH Riser 1 Kit 7XH7A05894 Lenovo SR630 x8ML2/x16 PCIe LP+FH Riser 1 Kit 7XH7A02682 Lenovo SR630/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit 7XH7A02683 Lenovo SR630/SR570/SR630 x8/L2/x16 PCIe LP+FH Riser 1 Kit 7XH7A02683 Lenovo SR630/SR570/SR630 x8/L2/x16 PCIe LP+FH Riser 1 Kit 7XH7A02683 Lenovo SR630/SR570/SR630 x8/L2/x16 PCIe LP+LP Riser 1 Kit 7XH7A02683 Lenovo SR630/SR570/SR630 x8/L2/x16 PCIe LP+LP Riser 1 Kit 7XH7A02683 Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit 7XH7A02684 Lenovo SR630 x16ML2/x8 PCIe LP+LP Riser 1 Kit 7XH7A02684 TXH7A02685 Lenovo SR630 x16ML2/x8 PCIe LP+LP Riser 1 Kit 7XH7A02684 TXH7A02685 Lenovo SR630 x16ML2/x8 PCIe LP+LP Riser 1 Kit 7XH7A02685 Lenovo SR630 x16 PCIe LP P LP Riser 2 Kit 7XH7A02685 Lenovo SR630 x16 PCIe LP Riser 2 Kit 7XH7A02685 Lenovo SR630/SR570/SR630 ront VGA Connector Upgrade Kit 7XH7A02579 Lenovo SR530/SR570/SR630 Front VGA Connector Upgrade Kit	Optical		System unique	options
Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel         7XH7A05894         Lenovo SR630 x8ML2/x16 PCIe LP+FH Riser 1 Kit           Operating systems supported         Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.5/6.0 U3         7XH7A02683         Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit           Systems management         Xclarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager Essentials Light Path Diagnostics         Yclarity Planner.         7Z17A02577         Lenovo SR530/SR570/SR630 Front VGA Connector Upgrade Kit	Network interfaces	vork interfaces four RJ-45 or SFP+ ports, up to 10GbE. Wake-on-LAN and NC-SI are available on Port 0 of LOM. Optional ML2 or PCIe adapters are supported. ML2 adapter requires		Lenovo SR530/SR570/SR630 2.5" SATA/SAS 8-Bay Backplane Kit Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit
Supported       Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.5/6.0 U3         Systems       XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner.         Provisioning Manager Essentials Light Path Diagnostics       7XH7A02685       Lenovo SR530/SR570/SR630 x16 PCle LP Riser 2 Kit		Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel	7XH7A05894   7XH7A02682   7XH7A02683   7XH7A02683	Lenovo SR530/SR570/SR630 x8/x16 PCIe LP+LP Riser 1 Kit Lenovo SR630 x8ML2/x16 PCIe LP+LP Riser 1 Kit
Systems management         XClarity Controller Standard, optional upgrades to Advanced or Enterprise are available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager Essentials, Light Path Diagnostics         7XH7A06252         Lenovo SR630 Rear HDD Kit           7Z17A02577         Lenovo SR630 SR570/SR630 Front VGA Connector Upgrade Kit         7Z17A02579         Lenovo SR530/SR570/SR630 Front VGA Connector Upgrade Kit		Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUS		
Systems available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. management Provisioning Manager. Essentials, Light Path Diagnostics	supported	Linux Enterprise Server 12 SP2/11 SP4. VMware vSphere (ESXi) 6.5/6.0 U3		
management available. Lifety wanager Septials, Light Path Diagnostics		ACIARITY Controller Standard, optional upgrades to Advanced or Enterprise are	7Z17A02577 I	Lenovo COM Port Upgrade Kit
	management		7Z17A02579 l	Lenovo SR530/SR570/SR630 Front VGA Connector Upgrade Kit Lenovo 1U Security Bezel