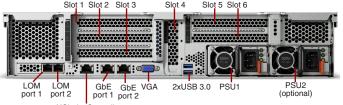
## ThinkSystem SR550 Platform Specifications

Components	Specif	rication	1							
orm factor	2U rack									
Dimensions	Height: 86.5 mm (3.4 in). Width: 482 mm (19.0 in) with rack latches. Depth: 763.7 mm (30.1 in)									
Veight			figuration	n: 57.32 lk	(26 kg)					
	Maximum configuration: 57.32 lb (26 kg) Up to two 125W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or									
Processor	Platinum. Up to 20 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are									
	connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s									
Chipset				ontroller H						
Jpoot						orte i	in to 6	DIMM soci	kate with	6
Memory	Up to 12 DIMM sockets. Each processor supports up to 6 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types									
	cannot be intermixed									
	With RDIMMs: Up to 384GB with 12 x 32 GB RDIMMs and two processors									
Memory capacity	With L	RDIMM	ls: Up to	768GB w	ith 12 x 64 GE	BLRD	IMMs	and two pro	ocessors	3
Memory protection					emory sparing			and mo pr		
vicinory proteotion					A adapters:	,				
			lollowing	NAID/IIID	A auapters.					
		RAID	Interface	Drive type	RAID levels	JBOD	Cache	Cache protection	FastPath	Max
		adapter Onboard	COL OATA					ľ	NI-	qty -
	bays	SATA	6Gb SATA	-	0/1/10/5	Yes	None		No	
		530-8i		SATA/SAS		Yes	None		Yes	2
Storage controllers		730-8i 930-8i	12Gbs SAS	S SATA/SAS	0/1/10/5/50	Yes Yes	1GB 2GB	Flash backup	No Yes	2
otorago controlloro		930-16i	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60 0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	1
	have	430-8i	12Gbs SAS	S SATA/SAS	-	Yes	None	None	-	2
	'			SATA/SAS		Yes Yes	None	None	-	6
		430-66 430-16e	12Gbs SAS	S SATA/SAS S SATA/SAS	-	Yes	None None	None	-	6
									V	6
		930-8e	12Gbs SAS	SATA/SAS	0/1/10/5/50/6/60	Yes	4GB	Flash backup	Yes	
Disk drive bays	Note: 73 Suppo or 12 f	930-8e 0-8i is ava rt 8 fror ront 3.5	12Gbs SAS ailable in Ch nt 3.5" SA 5" SATA/S	S SATA/SAS ina only. All I ATA simple SAS HS b	RAID/HBA adapter e-swap bays, ays, or 8 front	s shoul	d be pla ont 3.	ced in slot 4 firs	stly. S HS ba	
Disk drive bays	Note: 73 Suppo or 12 f or 16 f Option	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one	ilages sas ilable in Ch nt 3.5" SA 5" SATA/S 5" SATA/S or two int	S SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b ternal M.2	RAID/HBA adapter e-swap bays, ays, or 8 front ays. SSD for boot	or 8 fi 2.5"	d be pla ront 3. SATA/	ced in slot 4 firs 5" SATA/SA SAS HS bay	stly. AS HS bays, rts mirror	ays,
Disk drive bays	Note: 73 Suppo or 12 f or 16 f Option	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one o	ilaghs SAS ailable in Ch nt 3.5" SA 5" SATA/S or two int	ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA	RAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K	or 8 fi 2.5"	d be pla ront 3. SATA/ I M.2 S	ced in slot 4 firs 5" SATA/SA SAS HS bay SSD suppor	stly. IS HS bays, ts mirror	ays,
Disk drive bays	Note: 73 Suppo or 12 f or 16 f Option For 3.5"	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay	alable in Ch alable in Ch at 3.5" SA 5" SATA/S 5" SATA/S or two int	ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA	RAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K TA6Gbs, 7.2K	or 8 fi 2.5"	ont 3. SATA/ I M.2 3	ced in slot 4 firs 5" SATA/SA SAS HS bay SSD suppor 5/2TB/4TB/6TB/ 5/2TB/4TB/6TB/	stly. AS HS bays, rts mirror 8TB/10TB 8TB/10TB	ays,
Disk drive bays	Note: 73 Suppo or 12 fr or 16 fr Option For 3.5" For 3.5"	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	alable in Ch alable in Ch at 3.5" SA 5" SATA/S 5" SATA/S or two int	ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA	RAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K TA6Gbs, 7.2K	or 8 fi 2.5"	ont 3. SATA/ I M.2 S	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor s/2TB/4TB/6TB/ s/2TB/4TB/6TB/ s/2TB/4TB/6TB/	stly. AS HS bays, rts mirror 8TB/10TB 8TB/10TB	ays,
Disk drive bays	Note: 73 Suppo or 12 f or 16 f Option For 3.5"	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	allades SAS allable in Ch nt 3.5" SATA/S " SATA/S or two int	ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA	RAID/HBA adapter e-swap bays, ays, or 8 front ays. SSD for boot ITAGGbs, 7.2K ITAGGbs, 7.2K IS12Gbs, 7.2K IS12Gbs, 15K	or 8 fi 2.5"	ont 3. SATA/ I M.2 3 1TE 1TE 300	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor s/2TB/4TB/6TB/ s/2TB/4TB/6TB/ s/2TB/4TB/6TB/ GB/600GB	stly. AS HS bays, rts mirror 8TB/10TB 8TB/10TB	ays,
ŕ	Note: 73 Suppo or 12 fr or 16 fr Option For 3.5" For 3.5"	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	il 12Gbs SAS ailable in Ch nt 3.5" SA " SATA/S " SATA/S or two int	IS SATA/SAS Ina only. All P ATA simple SAS HS b SAS HS b Iternal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA 2.5" HDD, SA 2.5" SSD, SA	RAID/HBA adapter e-swap bays, ays, or 8 front ays. SSD for boot ITAGGbs, 7.2K ITAGGbs, 7.2K IS12Gbs, 7.2K IS12Gbs, 15K	or 8 fi 2.5"	ront 3. SATA/ I M.2 \$ 1TE 1TE 1TE 300 240	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor s/2TB/4TB/6TB/ s/2TB/4TB/6TB/ s/2TB/4TB/6TB/	stly. AS HS bays, rts mirror 8TB/10TB 8TB/10TB	ays,
ŕ	Note: 73 Suppo or 12 fr or 16 fr Option For 3.5" For 3.5"	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	12Gbs SAS hilable in Ch ht 3.5" SATA/S " SATA/S or two int disks with	IS SATA/SAS Ina only. All I ATA SIMPLE BAS HS b BAS HS b Idennal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 2.5" HDD, SA	RAID/HBA adapter e-swap bays, ays, or 8 front ays. e SSD for boot ITAGGbs, 7.2K ITAGGbs, 7.2K IS12Gbs, 7.2K IS12Gbs, 15K ITAGGbs	or 8 fi 2.5"	M.2 S	iced in slot 4 first 5" SATA/SA SAS HS bay SSD support (V2TB/4TB/6TB/ (V2TB/4TB/6TB/ (V2TB/4TB/6TB/ GB/600GB GB/480GB	stly. AS HS bays, rts mirror 8TB/10TB 8TB/10TB	ays,
ŕ	Note: 73 Suppo or 12 fr or 16 fr Option For 3.5" For 3.5"	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	ilages SAS ilable in Ch nt 3.5" SATA/S " SATA/S or two int disks with	SI SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b SEMENTAL 3.5" HDD, SA 3.5" HDD, SA 2.5" SD, SA 2.5" SD, SA 2.5" HDD, SA	TAID/HBA adapter e-swap bays, ays, or 8 front ays. ? SSD for boot TAGGbs, 7.2K TAGGbs, 7.2K S12Gbs, 7.2K TAGGbs, 7.2K TAGGbs, 7.2K	or 8 fi 2.5"	M.2	cced in slot 4 first 5" SATA/SA SAS HS ba; SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ GB/600GB GB/480GB 1/2TB	stly. AS HS bays, rts mirror 8TB/10TB 8TB/10TB 10TB	ays,
ŕ	Note: 73 Suppo or 12 fr or 16 fr Option For 3.5" For 3.5"	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	12Gbs SAS ailable in Ch nt 3.5" SA " SATA/S or two int disks with	SI SATA/SAS ina only. All I ATA simple ATA simple SAS HS b SAS HS b SEPTION SAS: HDD, SA S.5" HDD, SA	AAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TAGGbs, 7.2K TAGGbs, 7.2K S12Gbs, 7.2K TAGGbs TAGGbs	or 8 fi 2.5"	M.2 S	cced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/	stly. AS HS bays, rts mirror 8TB/10TB 8TB/10TB 10TB	ays,
ŕ	Note: 730 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	12Gbs SAS iilable in Ch iilable in Ch iilable in SATA/S iiilable in SATA/S iiilable in SATA/S or two int iilable in SATA/S disks with iilable in SATA/S iilable in Ch iilable in	SI SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" HDD, SA	RAID/HBA adapter e-swap bays, ays, or 8 front ays. SSD for boot ITAGGbs, 7.2K ITAGGbs, 7.2K IS12Gbs, 7.2K ITAGGbs, 7.2K IS12Gbs, 7.2K ITAGGbs, 7.2K IS12Gbs, 15K IS12Gbs, 15K IS12Gbs, 15K IS12Gbs, 15K IS12Gbs	or 8 fi 2.5"	d be place of the	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB 1	stly. S HS bays, ts mirror 8TB/10TB 8TB/10TB 10TB	ays,
,	Note: 730 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	12Gbs SAS ailable in Ch 13.5" SA "SATA/S " SATA/S or two int disks with  2	SI SATA/SAS ina only. All I SAS HS b SAS HS b SEP HDD, SA 3.5" HDD, SA 2.5" HDD, SA	TAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot tragger trag	or 8 fi 2.5"	d be place of the	cced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB	stly. S HS bays, ts mirror 8TB/10TB 8TB/10TB 10TB	ays,
,	Note: 730 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one SS bay bay ks or 2.5"	12Gbs SAS ailable in Ch 13.5" SA "SATA/S " SATA/S or two int disks with  2	SI SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" HDD, SA	TAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot tragger trag	or 8 fi 2.5"	d be place of the	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB 1	stly. S HS bays, ts mirror 8TB/10TB 8TB/10TB 10TB	ays,
Internal storage	Note: 73 Suppo or 12 from 16 f	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one o SS bay bay ks or 2.5" )	12Gbs SAS ailable in Ch ht 3.5" SA "SATA/S" or two int	SI SATA/SAS ina only. All I SAS HS b SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 3.5" SSD, SA 3.5" SSD, SA 3.5" SSD, SA 3.5" SSD, SA	TAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot tragger trag	rs should or 8 fi 2.5"	d be place of the	cced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB	stly. S HS bays, ts mirror 8TB/10TB 8TB/10TB 10TB	ays,
Internal storage	Note: 73 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray	930-8e 0-8i is ave rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5" ) bay	12Gbs SAS  illable in Ch  it 3.5" SATA/S  sor two int  disks with  control in SATA/S  disks w	SI SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 3.5" SSD, SA 3.5" SD, SA 3	RAID/HBA adapter e-swap bays, ays, or 8 front ays. e SSD for boot trAeGbs, 7.2K traeGbs traeGbs traeGbs traeGbs traeGbs traeGbs traeGbs	w opt	d be plad to the p	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB 1/2T	stly. S HS bays, Its mirror 8TB/10TB 8TB/10TB 10TB	ays, ring 1.8TB
Internal storage Optical	Note: 73 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray  No inte Integra custom	930-8e 0-8i is ave rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5" ) bay bay	12Gbs SAS illable in Ch 1 3.5" SAF " SATA/S or two int disks with	SI SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 3.5" SSD, SA 3.5" SSD, SA 4.5" SSD, SA 4.6" SATA SS 4.6" Optional ed managtwo RJ-45	RAID/HBA adapter e-swap bays, ays, or 8 front ays. e SSD for boot traeGbs, 7.2K traeGbs, 15K traeGbs traeG	w optilus tw, up	d be pled do by pled d	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB M/2TB M	stly. S HS bays, st s mirror st mirror	ays, ring 1.8TB
Internal storage Optical	Note: 73 Suppo or 12 fr or 16 fr Option For 3.5" For 3.5" (3.5" dis 3.5" tray  For 2.5"  No inter Integra custom adapte	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one of SS bay bay bay bay bay bay bay cernal op ated one nized L0 ers are s	112Gbs SAS iilable in Ch iilable in Ch iilable in Ch iilable in SATA/S iilable in SATA/S or two int iilable in SATA/S or two int iilable in SATA/S iilable in SATA/S or two int iilable in SATA/S iilable in SATA/S or two int iilable in SATA/S or two	SI SATA/SAS  ina only. All I ATA simple SAS HS b SAS HS b SENION SAS SISTEMBLY. S	AAID/HBA adapter e-swap bays, ays, or 8 front ays. e SSD for boot tragges, 7.2K tragges tragges, 7.2K tragges tragge	s should be shou	d be plad of the p	coed in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB 1/2	stly. S HS bays, st s mirror st mirror	ays, ring 1.8TB
Internal storage	Note: 73 Suppo or 12 from 12 from 16 f	930-8e 0-8i is ava- rt 8 fror ront 3.5 ront 2.5 al one o SS bay bay bay bay bay cernal op ated one nized Lo ers are s two por	112Gbs SAS iilable in Ch iil 3.5" SAS is SATA/S is SATA/S or two int idisks with idisks wi	SI SATA/SAS  ina only. All I ATA SIMPIL SAS HS b SAS HS b SAS HS b SET HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5"	AAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot trages	W opt tus, up to s rise	d be plain to the plain the plain to the plain the plain to the plain th	coed in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB	stly. S HS bays, ts mirror 8TB/10TB 8TB/10TB 10TB GB/1.2TB/	ot for PC
Internal storage  Optical  Network interfaces	Note: 73: Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" tray  No intel Integracustor adapte Up to t Power:	930-8e 0-8i is ave rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5")  bay  bay ernal op ated one nized Lo ers are s ers wo por -on and	12Gbs SAS ailable in Ch 13.5" SATA/S " SATA/S or two int disks with disks wit	IS SATA/SAS  Ina only. All I ATA simple SAS HS b SAS HS b Iternal M.2 3.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 4.2 SATA SS 4.2 SATA SS 4.4 SA 4.4 SA 4.5 SA 4.5 SA 4.5 SA 4.5 SA 5.5 SA 5.5 SA 6.6 SA 6.7 SA 6.	ARAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K TA6Gbs, 7.2K TA6Gbs, 7.2K TA6Gbs, 7.2K TA6Gbs, 7.2K TA6Gbs, 7.2K TA6Gbs TA6Gbr TA6Gbs	s should be shou	d be plad to	coed in slot 4 first 5" SATA/SA SAS HS bay SSD suppor  VZTB/4TB/6TB/ VZTB/4TB/6TB/ VZTB/4TB/6TB/ VZTB/4TB/6TB/ VZTB GB/600GB GB/600GB/ G	stly. S HS bays, tts mirror 8TB/10TB 8TB/10TB 10TB GB/1.2TB/	ning
Optical Network interfaces	Note: 73: Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" tray  No intel Integracustor adapte Up to t Power:	930-8e 0-8i is ave rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5")  bay  bay ernal op ated one nized Lo ers are s ers wo por -on and	12Gbs SAS ailable in Ch 13.5" SATA/S " SATA/S or two int disks with disks wit	IS SATA/SAS  Ina only. All I ATA simple SAS HS b SAS HS b Iternal M.2 3.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 4.2 SATA SS 4.2 SATA SS 4.4 SA 4.4 SA 4.5 SA 4.5 SA 4.5 SA 4.5 SA 5.5 SA 5.5 SA 6.6 SA 6.7 SA 6.	AAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot trages	s should be shou	d be plad to	coed in slot 4 first 5" SATA/SA SAS HS bay SSD suppor  VZTB/4TB/6TB/ VZTB/4TB/6TB/ VZTB/4TB/6TB/ VZTB/4TB/6TB/ VZTB GB/600GB GB/600GB/ G	stly. S HS bays, tts mirror 8TB/10TB 8TB/10TB 10TB GB/1.2TB/	ning
Optical Network interfaces Security features	Note: 73 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray  No inte Integra custom adapte Up to t Power- upgrac securit	930-8e 0-8i is ave rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5" ) bay  bay cernal op atted one cers are s wo por on and de to 2.6 de to 2.6 de to 2.6 de y bezel	12Gbs SAS allable in Ch 13.5" SATA/S Sor two int disks with  totical bay, e dedicat OM with supporte ts support admin p O via UEF	SI SATA/SAS  ina only. All I ATA simple SAS HS b SAS HS b SERNAL S.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 3.5" SD, SA 4.5 SATA SS 4.6 ML2 ac tris Wake- tris Wake- tris Wake- tris Sassword. FI setting.	AAID/HBA adapter e-swap bays, ays, or 8 front ays. e SSD for boot traeGbs, 7.2K traeGbs trae	w opti	d be plad to	coed in slot 4 first 5" SATA/SA SAS HS bay SSD suppor S	stly. S HS bays, Its mirror 8TB/10TB 8TB/10TB 10TB GB/1.2TB/ E LOM sl al ML2 oot.	ot for PC
Optical Network interfaces Security features Operating systems	Note: 73 Suppo or 12 f f Option For 3.5" For 3.5" (3.5" dis 3.5" tray  No intellintegral custom adapte Up to t Power-upgrad security Micros	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5" ) bay bay cernal op ated one cers are s ewo por on and de to 2.6 by bezel	112Gbs SAS iilable in Ch it 3.5" SAS i" SATA/S i" SATA/S or two int disks with disks wit	SI SATA/SAS  ina only. All I ATA simple SAS HS b SAS HS b SAS HS b SERNAL M.2 3.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 3.5" SSD, SA 4.2 SATA SS 4.1 SSD 4.2 SATA SS 4.3 SSD 5.4 SSD 6.4 SSD 6.5	AAID/HBA adapter e-swap bays, ays, or 8 front ays. e SSD for boot trages, 7.2K trag	w opti	d be plad to to 10 to	coed in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB 1/2	stily. S HS bays, Its mirror 8TB/10TB 8TB/10TB 10TB GB/1.2TB/ ITB E LOM sl alal ML2 oot. compliant	ot for PC
Disk drive bays  Internal storage  Optical  Network interfaces  Security features  Operating systems supported	Note: 73 Suppo or 12 from 12 from 16 f	930-8e 0-8i is ava rt 8 fror ront 3.5 ront 2.5 al one o SS bay bay ks or 2.5" ) bay ernal op ated one nized Lo ers are s two por on and de to 2.6 ty bezel oft Win Enterpri	12Gbs SAS aliable in Ch That 3.5" SA STA/S STA/S TSATA/S TO TWO INT  disks with  aliable  action  acti	SI SATA/SAS  ina only. All I AT A SIMPIL SAS HS b SAS HS b SAS HS b SET HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" HDD, SA 2.5	AAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K TA6Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 15K TA6Gbs	w optilus two since of the control o	d be plad to be plad to be plad to be plad to the plad	coed in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB 1/2	stily. S HS bays, Its mirror 8TB/10TB 8TB/10TB 10TB GB/1.2TB/ ITB E LOM sl and ML2 oot. compliant al lockab 7.3/6.9. 5/6.0 U3	ot for PC
Optical  Network interfaces  Security features Operating systems supported	Note: 73 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" tray  No inte Integra custom adapte Up to t Power- upgrac securit Micros XClarit XClarit	930-8e 0-8i is ave- rt 8 fror ront 3.5 ront 2.5 ront 2.5 al one ( SS bay bay bay bay bay bay bay bay bay cernal op ated one nized L( grade to 2.6 y bezel coft Win Enterprity Contri	12Gbs SAS ailable in Ch That 3.5" SATA/S Sor two int disks with di	SI SATA/SAS ina only. All II ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" HDD, SA 2.5" SSD, SA 4.2 STA SS 4.2 SATA SS 4.3 SSD, SA 4.2 SATA SS 4.4 SA 4.5 SA 4.5 SA 4.5 SA 4.6 SA 4.7 SS 5.7 SA 5.7 SA 6.7 S	AAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K TA6Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 15K TA6Gbs	www.pti.com. World of the common of the comm	d be plate of the	ced in slot 4 first 5" SATA/SA SAS HS bay SSD suppor 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB/4TB/6TB/ 1/2TB 1/2T	stly. S HS bays, Its mirror BTB/10TB BTB/10TB BTB/10TB BCB/1.2TB/	ot for PC
Optical  Network interfaces  Security features  Operating systems supported  Systems	Note: 73 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray  No inte Integra custom adapte Up to t Power- upgrac securit Micros Linux E XClariat availat	930-8e 0-8i is ave rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5" ) bay  bay  bay cernal op ated one nized L0 res are s two por -on and de to 2.6 ty bezel oft Win- Enterpri ty Conti	altable in Charles SAS Malable in Charles SAS SAS SAS SAS SAS SAS SAS SAS SAS SA	SI SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA 3.5" HDD, SA 3.	ARAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K TA6Gbs, 7.2K S12Gbs, 10K S12Gbs, 15K S12Gbs TA6Gbs TA6Gb	w optilus twas, rise of Carlor Min C	d be plate of the	Coed in slot 4 first ST SATA/SA SAS HS bay SAS HS	stly. S HS bays, Its mirror BTB/10TB BTB/10TB BTB/10TB BCB/1.2TB/	ot for PC
Optical  Network interfaces  Security features Operating systems supported	Note: 73 Suppo or 12 f or 16 f Option For 3.5" For 3.5" (3.5" dis 3.5" tray  No inte Integra custom adapte Up to t Power- upgrac securit Micros Linux E XClariat availat	930-8e 0-8i is ave rt 8 fror ront 3.5 ront 2.5 al one ( SS bay bay ks or 2.5" ) bay  bay  bay cernal op ated one nized L0 res are s two por -on and de to 2.6 ty bezel oft Win- Enterpri ty Conti	altable in Charles SAS Malable in Charles SAS SAS SAS SAS SAS SAS SAS SAS SAS SA	SI SATA/SAS ina only. All I ATA simple SAS HS b SAS HS b ternal M.2 3.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA 3.5" HDD, SA 3.	AAID/HBA adapter e-swap bays, ays, or 8 front ays. 2 SSD for boot TA6Gbs, 7.2K TA6Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 7.2K S12Gbs, 15K TA6Gbs	w optilus twas, rise of Carlor Min C	d be plate of the	Coed in slot 4 first ST SATA/SA SAS HS bay SAS HS	stly. S HS bays, Its mirror BTB/10TB BTB/10TB BTB/10TB BCB/1.2TB/	ot for PC

	Components	Specification				
Ī	Base warranty	MT 7X03: 1-year limited onsite service with 9x5/NBD				
٦	base warranty	MT 7X04: 3-year limited onsite service with 9x5/NBD				
	Power supply	Up to two redundant hot-swap 550W and 750W 80 PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V				
9	Video	Integrated Matrox G200 in XClarity Controller				
_	Cooling	Three fans (2+1) for single processor model, four fans (3+1) for dual processor model				
	Front ports	One XClarity Controller USB, one USB 3.0, one optional VGA				
	Rear ports	One VGA, two USB 3.0, two ethernet (RJ-45) one XClarity Controller connector. Optional COM port				
		Supports ASHRAE A4 with limitations.				
		Temperature - operating	A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)			
		Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)			
	Environmental	Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)			
	specification	Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)			
		Humidity - operating, non-condensing Humidity - storage (with package), non-condensing	A4: 8%~90%. A3:8%~85%. A2:20%~80%			
		Models should meet the following requirements to support A3 and A4:  • Redundant power supplies required  • No system fan fails				
	Environmental certification	Energy Star Server 2.1 certified. More environmental information please see: www.lenovo.com/social_responsibility/us/en/environment/				



XClarity Controller network connector

Note: GbE port 1 and LOM port 1 support Wake-on-LAN and NC-SI. Riser cards, expansion cards, and LOM adapters are optional.

## xpansion slots

Expansion siots	
Slot 1-3 (riser card 1)	Supports one of the following for riser card 1:
,	Option 1: PCle 3.0 x8/x8/x8 (slot 1-3). Full height, half length.
	Option 2: PCle 3.0 x16/x8 (slot 1 and 3). Full height, half length
	Option 3: PCle 3.0 x8/x8/x8 ML2 (slot 1-3). Full height, half length
Slot 4 (onboard)	PCle 3.0 x8, low profile
Slot 5 (riser card 2)	PCle 3.0 x16, full height, half length, requires 2nd CPU
Slot 6 (riser card 2)	PCle 3.0 x8, full height, half length

## System unique options

7XH7A02680	Lenovo SR550/SR590/SR650 x8/x8/x8ML2 PCIe FH Riser 1 Kit
7XH7A02679	Lenovo SR550/SR590/SR650 (x16/x8)/(x16/x16) PCIe FH Riser 2 Kit
7XH7A02678	Lenovo SR550/SR590/SR650 x16/x8 PCIe FH Riser 1 Kit
7XH7A02677	Lenovo SR550/SR590/SR650 x8/x8/x8 PCIe FH Riser 1 Kit
7Z17A02578	Lenovo SR550/SR590/SR650 EIA Latch w/ VGA Upgrade Kit
7XH7A06254	Lenovo SR550/SR650 2.5" SATA/SAS 8-Bay Backplane Kit
7Z17A02580	Lenovo 2U Security Bezel
7Z17A02577	Lenovo COM Port Upgrade Kit