

## ThinkServer RD640 Service Parts Listing

MT : 70AY, 70AV, 70B0, 70AW, 70B1, 70AX

FRU P/N	CRU ID	Description
<b>PLANAR</b>		
03T7724	N	WST motherboard SX52600V2 v1.0
<b>BATTERY</b>		
03T7846	1	MB CMOS Battery
03X3618	2	LSI iBBU08 Battery Unit for 9260-8i
<b>CPU</b>		
03T7808	2	Xeon E5-2697v2/2.7G/12C/30M/130W CPU
03T7809	2	Xeon E5-2695v2/2.4G/12C/30M/115W CPU
03T7810	2	Xeon E5-2690v2/3.0G/10C/25M/130W CPU
03T7811	2	Xeon E5-2680v2/2.8G/10C/25M/115W CPU
03T7812	2	Xeon E5-2670v2/2.5G/10C/25M/115W CPU
03T7813	2	Xeon E5-2660v2/2.2G/10C/25M/95W CPU
03T7814	2	Xeon E5-2650Lv2/1.7G/10C/25M/70W CPU
03T7815	2	Xeon E5-2667v2/3.3G/8C/25M/130W CPU
03T7816	2	Xeon E5-2650v2/2.6G/8C/20M/95W CPU
03T7817	2	Xeon E5-2640v2/2.0G/8C/20M/95W CPU
03T7818	N	FRU Xeon E5-2643v2/3.5G/6C/25M/130W CPU
03T7819	2	Xeon E5-2630v2/2.6G/6C/15M/80W CPU
03T7820	2	Xeon E5-2620v2/2.1G/6C/15M/80W CPU
03T7821	2	Xeon E5-2630Lv2/2.4G/6C/15M/60W CPU
03T7822	N	FRU Xeon E5-2637v2/3.4G/4C/15M/130W CPU
03T7823	2	Xeon E5-2609v2/2.5G/4C/10M/80W CPU
03T7824	2	Xeon E5-2603v2/1.8G/4C/10M/80W CPU
03T8369	N	FRU Intel Xeon E5-2690 135W
03T8371	2	Intel Xeon E5-2680/2.7GHz/8C/20M/8.0GT/Hyper-T/130W/1600
03T8372	2	Intel Xeon E5-2670/2.6GHz/8C/20M/8.0GT/Hyper-T/115W/1600
03T8373	2	Intel Xeon E5-2665/2.4GHz/8C/20M/8.0GT/Hyper-T/115W/1600
03T8374	2	Intel Xeon E5-2660/2.2GHz/8C/20M/8.0GT/Hyper-T/95W/1600
03T8375	2	Intel Xeon E5-2650/2.0GHz/8C/20M/8.0GT/Hyper-T/95W/1600
03T8376	2	Intel Xeon E5-2667/2.9GHz/6C/15M/7.2GT/Hyper-T/130W/1333
03T8377	2	Intel Xeon E5-2640/2.5GHz/6C/15M/7.2GT/Hyper-T/95W/1333
03T8378	2	Intel Xeon E5-2630/2.3GHz/6C/15M/7.2GT/Hyper-T/95W/1333
03T8379	2	Intel Xeon E5-2620/2.0GHz/6C/15M/7.2GT/Hyper-T/95W/1333
03T8380	2	Intel Xeon E5-2643/3.3GHz/4C/10M/6.4GT/Hyper-T/130W/1066
03T8381	2	Intel Xeon E5-2609/2.4GHz/4C/10M/6.4GT/Hyper-T/80W/1066
03T8382	2	Intel Xeon E5-2603/1.8GHz/4C/10M/6.4GT/Hyper-T/80W/1066
03T8384	2	Intel Xeon E5-2650L/1.8GHz/8C/20M/8.0GT/Hyper-T/70W/1600
03T8385	2	Intel Xeon E5-2630L/2.0GHz/6C/15M/7.2GT/Hyper-T/60W/1333
<b>MEMORY</b>		
03T7752	1	FRU 4GB RDIMM DDR3-1600 LV
03T7753	1	FRU 8GB RDIMM DDR3-1600 LV
03T7754	1	FRU 16GB RDIMM DDR3-1600 LV

HARD DISK DRIVE (HDD)		
03T7725	1	FRU HS 500GB SATA - enterprise 7200 rpm, 6Gb/s,3.5" Drive ASM
03T7726	1	FRU HS 1TB SATA - enterprise 7200 rpm, 6Gb/s,3.5" Drive ASM
03T7727	1	FRU HS 2TB SATA - enterprise 7200 rpm, 6Gb/s,3.5" Drive ASM
03T7728	1	FRU HS 3TB SATA - enterprise 7200 rpm, 6Gb/s,3.5" Drive ASM
03T7729	1	FRU HS 4TB SATA - enterprise 7200 rpm, 6Gb/s,3.5" Drive ASM
03T7730	1	FRU 1TB SAS - enterprise,6Gb/s,3.5" Drive ASM
03T7731	1	FRU 2TB SAS - enterprise,6Gb/s,3.5" Drive ASM
03T7732	1	FRU 3TB SAS - enterprise,6Gb/s,3.5" Drive ASM
03T7734	1	FRU HS 500GB SATA - enterprise 7200 rpm, 6Gb/s,2.5" Drive ASM
03T7735	1	FRU HS 1TB SATA - enterprise 7200 rpm, 6Gb/s,2.5" Drive ASM
03T7736	1	FRU 300GB SAS - enterprise,6Gb/s,2.5" Drive ASM
03T7737	1	FRU 450GB SAS - enterprise,6Gb/s,2.5" Drive ASM
03T7738	1	FRU 600GB SAS - enterprise,6Gb/s,2.5" Drive ASM
03T7739	1	FRU 900GB SAS - enterprise,6Gb/s, 2.5" Drive ASM
03T7741	1	FRU HS 300GB SAS - enterprise, 15K 6Gb/s,2.5" Drive ASM
03T7854	1	HS 300GB SAS - enterprise, 15K 6Gb/s,3.5" Drive ASM
03T7855	1	HS 600GB SAS - enterprise, 15K 6Gb/s,3.5" Drive ASM
03T8333	1	FRU Seagate Megalodon SAS6G 3.5 7200RPM 1000G ST1000NM0023
03T8334	1	FRU Seagate Megalodon SAS6G 3.5 7200RPM 2000G ST1000NM0023
03T8335	1	FRU Seagate Megalodon SAS6G 3.5 7200RPM 3000G ST1000NM0023
03X3621	1	FRU, 3.5" SAS 15K 300G SAS 6Gb/s
03X3623	1	FRU 3.5" SAS 15K 600G SAS 6Gb/s
SOLID STATE DRIVE (SSD)		
03T7769	1	FRU 2.5" eMLC SATA 100GB SSD ASM
03T7770	1	FRU 2.5" eMLC SATA 200GB SSD ASM
03T7771	1	FRU 2.5" eMLC SATA 400GB SSD ASM
03T7799	1	FRU 2.5" eMLC SATA 100GB SSD ASM for 3.5' SKU
03T7800	1	FRU 2.5" eMLC SATA 200GB SSD ASM for 3.5' SKU
03T7801	1	FRU 2.5" eMLC SATA 400GB SSD ASM for 3.5' SKU
03X3858	1	STEC Mach16 SATA 3G SSD 100G
03X3859	1	STEC Mach16 SATA 3G SSD 200G
03X3860	1	STEC Mach16 SATA 3G SSD 400G
External OPTICAL DISK DRIVE (ODD)		
03X4432	1	USB DVDRW
45K0433	1	FRU Slim SATA Tray Load Rambo
71Y5848	1	FRU Slim SATA DVD ROM for DT
ADAPTERS		
03T6531	1	FRU Intel Ethernet Server Adapter X520-SR2
03T6532	1	FRU Intel Ethernet Server Adapter X520-DA2
03T8763	1	Intel Ethernet Server Adapter X520-SR2 with 11s label
03T8764	1	Intel Ethernet Server Adapter X520-DA2 with 11s label
03T6533	1	Intel Ethernet SFP+ SR Optics for X520-DA2
03T6534	1	FRU Intel Ethernet Converged Network Adapter X540-T2

03T8765	1	Intel Ethernet Converged Network Adapter X540-T2 with 11s label
03X4475	1	FRU Intel Ethernet Server Adapter I350-T2
03X4476	1	FRU Intel Ethernet Server Adapter I350-T4
03T8759	1	Intel Ethernet Server Adapter I350-T2 with 11s label
03T8760	1	Intel Ethernet Server Adapter I350-T4 with 11s label
03X3744	1	FRU LSI 9260-8i 8ports SAS RAID Card(New PCB)
03X4448	1	LSI 9270CV-8i 8ports SAS RAID Card Fru
03T6739	1	LSI 9240-8i 8ports w/o R5 SAS RAID card-B2(firmware update)
03T8331	2	Fru LSI 9270(CV)-8i fastpath Key
03T8332	2	FRU LSI 9270(CV)-8i CacheCade Key
03X4450	2	FRU LSI CV 6.4F Unit for 9270CV-8i Fru Raid Adapter Cache Unit
03X3604	2	FRU LSI 9240-8i SAS RAID 5 Key
03T8340	1	QLE8242-CU(Dual 10G FCoE/iSCSI) CNA Card
03x4433	1	LPe1250 (single-port FC8G) HBA
03x4435	1	LPe12002 (dual-port FC 8G) HBA
03X4442	1	Qlogic QLE2562 (dual-port FC 8G) HBA Card
03X3824	1	1UX16 RISER CARD V1.0
03X3825	1	1UX8 RISER CARD V1.0
03X3833	1	2U 3 SLOTS RISER CARD V1.0
03X3834	1	PCIE 24 ports expander card V1.0
03X4366	1	FRU 2U3SLOTS RISER CARD(default) V1.0
<b>CABLES</b>		
03T8052	1	FRU 750mm cable for Cache Vault
03T8086	1	FRU 30u 750mm MiniSAS-MiniSAS Cable(Qty=2)
03T8131	1	350mm 8 Pin Power Cable
03T8132	1	450mm 8 Pin Power Cable
03X3696	1	750mm 15u Single-Single Port SATA Cable
03X3772	1	Front VGA Cable
03X3773	1	LS 300mm 4Pin Slim ODD Cable
03X3830	1	1U&2U Front USB cable
03X3831	1	1U&2U Front Control cable
03X4343	1	FRU 30u 900mm MiniSAS-MiniSAS Cable (Qty=1
03X4344	1	FRU 30u 250mm MiniSAS-R90-R MiniSAS cable (Qty=2) 2nd source
03X4350	1	FRU 30u 750mm MiniSAS-MiniSAS Cable(Qty=2) 2nd source
<b>POWER SUPPLY</b>		
03X4368	1	FRU DPS-800RB C AC&HVDC power supply module
<b>MECHANICALS</b>		
03T8058	1	1U 8*2.5" Chassis Base ASM V1.1
03T8060	1	1U 4*3.5" Chassis Base ASM V1.1
03T8061	1	1U Riser Card Bracket 2 (With Screw) V1.1
03T8062	1	Supper Cap Box 1.0
03T8064	1	2U 8*3.5" Chassis Base ASM V1.2
03T8067	1	2U 16 * 2.5" Chassis Base ASM V1.1
03T8068	1	2U Riser Card Bracket 1 (With screw) V1.1
03T8084	1	95W Narrow CPU heatsink (1U & 2U)

03T8085	1	130W Narrow CPU heatsink (1U & 2U)
03T8119	2	Karrie 3.5to2.5HDD Conversion Tray V1.0
03T8126	1	1U Chassis Left&Right Handles ASM For EP MB V1.1
03T8128	1	2U 8*3.5" Top Cover ASM For EP MB V1.1
03T8129	1	2U Chassis Left&Right Handles ASM1 For EP MB V1.1
03T8130	1	2U 16*2.5"&12*3.5" Top Cover ASM For EP MB V1.1
03X3666	1	Lenovo Remote Management Module V1.0
03X3709	1	TPM Module V1.1
03X3826	2	1U4Ports3.5 hotswap backplane V1.0
03X3828	2	2U8Ports3.5 hotswap backplane V1.0
03X4471	2	1U8Ports2.5 hotswap backplane V1.0
03X6000	2	2U-5U8ports2.5 hotswap backplane
03X3838	2	2.5" HDD Dummy Tray V2.0
03X3861	1	1U Riser Card Bracket 1 (With Screw)
03X3864	1	1U Fan Module Cage
03X3865	1	4056 Non Hot Swap Fan Module
03X3872	1	6038 Hot Swap Fan Module
03X3869	1	2U Riser Card Bracket 2 (With Screw)
03X3870	1	1U&2U Hot Swap Power Module Dummy
03X3871	1	2U Fan Module Cage
03X3874	1	2U System Air Duct For EP MB
03X3875	1	2U Power Supply Air Duct
03X3876	1	LX-KR-Slim ODD Dummy V1.0
03X3878	1	CIS High End 1U & 2U Rail Kit V1.0
03X3883	1	Slim ODD Bracket
03X3884	2	Front Control Board With Button&Screw
03X3980	2	Front Control Board With Button&Screw V1.1
03X3885	2	1U Basic DIT Module
03X3890	2	L1-LX-KR-2U Basic DIT Module V1.0
03X3892	2	L1-LX-KR-2U Advance DIT Module V1.0
03X3902	2	2U 16*2.5" Front Control Cage ASM
03X3968	2	3.5" HDD Dummy Tray V3.0
03X3969	2	HS 3.5" HDD Tray V3.0
03X3888	1	2U 8*2.5"HDD Cage
03X3901	1	2U 8*2.5"HDD Cage Dummy
03X3971	1	Cable management Arm
<b>RECOVERY MEDIA</b>		
03T7762	1	FRU Documentation DVD
03T7763	1	FRU EasyStartup DVD
03T7764	1	FRU Documentation DVD
03T8888	1	SRV OPT-FRU Windows server 2012 STD EFGISJ ROK DVD
03T8889	1	SRV OPT-FRU Windows server 2012 DC EFGISJ ROK DVD
03T8890	1	SRV OPT-FRU Windows server 2012 Eentials EFGISJ ROK DVD
<b>LINECORD</b>		
41R3176	1	Power Cord 1.8M - Argentina

41R3184	1	Power Cord 1.8M - US/Canada
41R3208	1	Power Cord 1.8M - Germany, France, etc
41R3224	1	Power Cord 1.8M - United Kingdom
41R3232	1	Power Cord 1.8M - Italy
45J9595	1	Power Cord 1.8M - Brazil

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