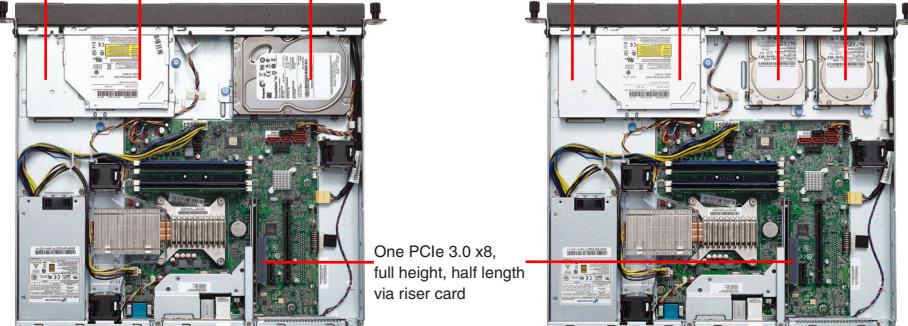
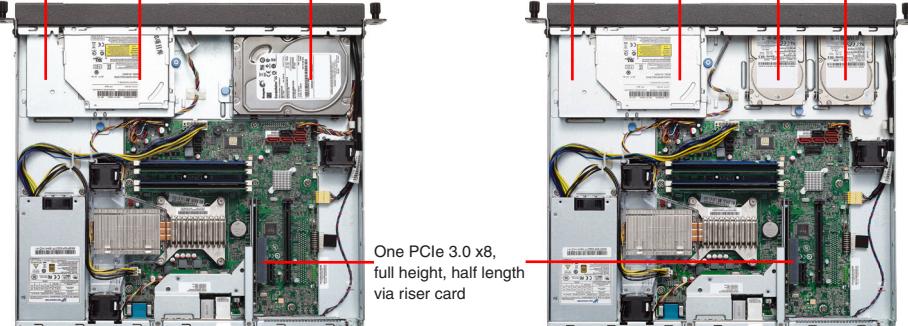
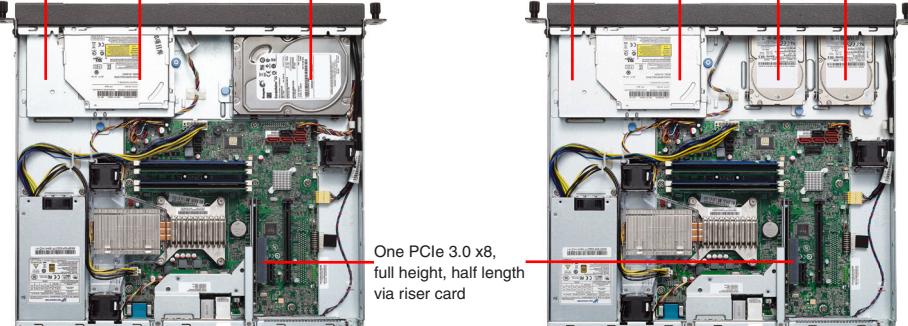
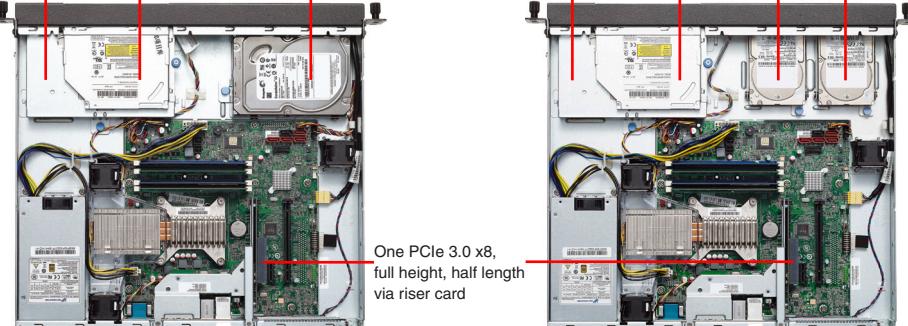


Components	Specification	Components	Specification																
Dimensions	1U rack. Height: 43.5 mm (1.71 in), width: 430 mm (16.9 in), depth: 411 mm (16.2 in)	Base warranty	1 or 3-year limited onsite service with 9x5/NBD.																
Weight	Maximum configuration: 16.2 lb (7.36kg)	Power supply	One fixed 300 watts power supply, 80 PLUS Gold qualified																
Processor	Supports one of the following Intel processors (code name: Haswell): • Xeon E3-1200 v3: up to 4C/3.7GHz/8MB/84W/1600MHz • Core i3: up to 2C/3.7GHz/4MB/54W/1600MHz • Pentium: up to 2C/3.4GHz/3MB/53W/1600MHz • Celeron: up to 2C/2.9GHz/2MB/53W/1333MHz <i>Note: Supports processors with integrated graphics only.</i>	Graphics	Integrated Intel HD Graphics in processor																
Chipset	Intel C226 Platform Controller Hub (PCH)	Front ports	Two USB 2.0																
Memory DIMMs	4 DIMM sockets, 2-channel capable. UDIMM, DDR3	Rear ports	Four USB 3.0, two USB 2.0, one serial (9-pin), two ethernet (RJ-45), one RJ-45 (dedicate/share mgmt), one VGA, one DisplayPort. Optional two serial ports via PCIe adapter																
Memory capacity	32GB (4 x 8GB)	Noise emissions	Operating: < 5.2 Bels. Idle: < 5.0 Bels (Mainstream configuration)																
Memory protection	ECC	Environmental specification	<p>RoHS-compliant.</p> <table border="1"> <tr> <td>Temperature - operating</td> <td>50 °F to 95 °F (10 °C to 35 °C)</td> </tr> <tr> <td>Temperature - storage (with package)</td> <td>-40 °C to 70 °C</td> </tr> <tr> <td>Altitude - operating</td> <td>Supported Altitude (unpressurized): 0-10000ft (0-3048m)</td> </tr> <tr> <td>Humidity - operating</td> <td>10%~80%, non-condensing</td> </tr> <tr> <td>Humidity - storage (with package)</td> <td>10%~90%, non-condensing</td> </tr> </table>	Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)	Temperature - storage (with package)	-40 °C to 70 °C	Altitude - operating	Supported Altitude (unpressurized): 0-10000ft (0-3048m)	Humidity - operating	10%~80%, non-condensing	Humidity - storage (with package)	10%~90%, non-condensing						
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RAID controller	RAID 0, 1, 5, 10 with onboard RAID 100, 6Gb/s SATA. RAID 0, 1, 10 with RAID 500, PCIe adapter, 6Gb/s SAS/SATA, optional key for RAID5. RAID 0, 1, 10, 5, 6 with RAID 700, PCIe adapter, 6Gb/s SAS/SATA, optional Intelligent Battery Backup Unit (iBBU08) <i>Note: RAID 5, 6, and 10 needs 4 x 2.5" bays.</i>	Expansion slots and disk bays Supports one PCI-Express slot via riser card, half-length, full-height, PCIe 3.0 x8																	
Disk drive bays	Up to 2 3.5" disk bays or up to 4 2.5" disk bays. Direct cabled, non-hot swap. Supports optional external USB RDX tape drive	HDD 1 (under optical)	9.5mm optical	HDD 0	HDD 3/HDD2 (under optical)	9.5mm optical	HDD 1	HDD 0											
Supporting disk drives	<table border="1"> <tr> <td>For 3.5" bay</td> <td>3.5" SATA HDD 7.2K 6Gbs: 500GB/1TB/2TB/3TB/4TB/6TB</td> </tr> <tr> <td></td> <td>3.5" SAS HDD 7.2K 6Gbs: 1TB/2TB/3TB/4TB</td> </tr> <tr> <td>For 2.5" bay</td> <td>2.5" SATA HDD 7.2K 6Gbs: 500GB/1TB</td> </tr> <tr> <td></td> <td>2.5" SAS HDD 10K 6Gbs: 300GB/600GB/900GB. 15K 6Gbs: 146GB/300GB</td> </tr> <tr> <td></td> <td>2.5" SATA SSD 6Gbs: 120GB/240GB/300GB/480GB/600GB</td> </tr> </table>	For 3.5" bay	3.5" SATA HDD 7.2K 6Gbs: 500GB/1TB/2TB/3TB/4TB/6TB		3.5" SAS HDD 7.2K 6Gbs: 1TB/2TB/3TB/4TB	For 2.5" bay	2.5" SATA HDD 7.2K 6Gbs: 500GB/1TB		2.5" SAS HDD 10K 6Gbs: 300GB/600GB/900GB. 15K 6Gbs: 146GB/300GB		2.5" SATA SSD 6Gbs: 120GB/240GB/300GB/480GB/600GB								
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Optical drive	Up to one 9.5mm optical. DVD-ROM or DVD±RW																		
Network interfaces	Two Gigabit Ethernet ports by Intel I210, on riser card. One Gigabit Ethernet port by Intel I217, dedicate/share management																		
Security features	Power-on and administrator password. TPM (TCG 1.2-compliant).																		
Systems management	Intel Active Management Technology 9 on models with Xeon processor. Remote presence is supported on models with Xeon processors. Supports ThinkServer EasyStartup/EasyUpdate																		
Operating systems supported	Microsoft Windows Server 2016/2012 R2/2012/2008 R2. Windows Small Business Server 2011. Red Hat Enterprise Linux 6.5. SUSE Linux Enterprise Server 11 SP3. VMware vSphere (ESXi) 5.5 <i>Note: VMware requires add-on network adapter.</i>																		

Model		70F90012++
Product		ThinkServer RS140
Region		EMEA
Machine Type		70F9
TopSeller		TopSeller
Processor		Celeron G1830 2C/2.8GHz/2MB/53W/DDR3-1333
Memory		1x4GB UDIMM DDR3-1600 ECC
RAID Controller		RAID 100
Disk Bays		2x3.5" DC
Storage		Open
Optical		9.5mm DVD±RW
Add-on NIC		None
Add-on Ports		None
System Management		AMT9
Operating System		None
Warranty		1-year
Power Supply		300W Gold Fixed
Ann Date (mm/yy)		07/14

