

**СПИСОК СОВМЕСТИМЫХ
КОМПЛЕКТУЮЩИХ И
ОПЕРАЦИОННЫХ СИСТЕМ
ДЛЯ ПЛАТФОРМЫ КИБЕР R1**

ООО «К-Интеграция»

1. CPU

Наименование	Кол-во ядер / Поток	Частота CPU Base / Turbo	Мощность (TDP)
Intel Xeon Bronze processors			
3204	6/6	1.9 / 1.9 GHz	85 W
3206R	8/8	1.9 / 1.9 GHz	85 W
Intel Xeon Silver processors			
4208	8/16	2.1 / 3.2 GHz	85 W
4210	8/20	2.2 / 3.2 GHz	85 W
4210R	8/20	2.4 / 3.2 GHz	100 W
4210T	8/20	2.3 / 3.2 GHz	95 W
4214	10/24	2.2 / 3.2 GHz	85 W
4214R	10/24	2.4 / 3.5 GHz	100 W
4215	8/16	2.5 / 3.5 GHz	85 W
4215R	8/16	3.2 / 4.0 GHz	130 W
4216	16 / 32	2.1 / 3.2 GHz	100 W
Intel Xeon Gold processors			
5215	8/20	2.5 / 3.4 GHz	85 W
5218	16 / 32	2.3 / 3.9 GHz	125 W
5218R	20 / 40	2.1 / 4.0 GHz	125 W
5220	18 / 36	2.2 / 3.9 GHz	125 W
5220R	24 / 48	2.2 / 4.0 GHz	150 W
5222	4/8	3.8 / 3.9 GHz	105 W
6226	12/24	2.7 / 3.7 GHz	125 W
6226R	16 / 32	2.9 / 3.9 GHz	150 W
6230	20 / 40	2.1 / 3.9 GHz	125 W
6230R	26 / 52	2.1 / 4.0 GHz	150 W
6234	8/16	3.3 / 4.0 GHz	130 W
6238	22 / 44	2.1 / 3.7 GHz	140 W
6238R	28 / 56	2.2 / 4.0 GHz	165 W
6240	18 / 36	2.6 / 3.9 GHz	150 W
6240R	24 / 48	2.4 / 4.0 GHz	165 W
6242	16 / 32	2.8 / 3.9 GHz	150 W
6242R	20 / 40	3.1 / 4.1 GHz	205 W
6244	8/16	3.6 / 4.4 GHz	150 W
6246	12/24	3.3 / 4.2 GHz	165 W
6246R	16 / 32	3.4 / 4.1 GHz	205 W
6248	20 / 40	2.5 / 3.9 GHz	150 W
6248R	24 / 48	3.0 / 4.0 GHz	205 W
6250	8/16	3.9 / 4.5 GHz	185 W
6252	24 / 48	2.1 / 3.7 GHz	150 W
6254	18 / 36	3.1 / 4.0 GHz	200 W
6256	12/24	3.6 / 4.5 GHz	205 W
6258R	28 / 56	2.7 / 4.0 GHz	205 W

2. МОДУЛИ ПАМЯТИ

НАИМЕНОВАНИЕ	ОБЪЕМ
8Gb DDR4 2666MHz Crucial ECC Reg (CT8G4RFD8266)	8Gb
8Gb DDR4 2666MHz Hynix ECC Reg (HMA41GR7BJR4N-VKTF)	8Gb
8Gb DDR4 2666MHz Micron ECC Reg (MTA9ASF1G72PZ-2G6J1)	8Gb
8Gb DDR4 2666MHz Samsung ECC OEM	8Gb
8Gb DDR4 2666MHz Samsung ECC Reg OEM	8Gb
8Gb DDR4 2933MHz Hynix ECC Reg (HMA81GR7CJR8N-WMT4)	8Gb
8Gb DDR4 2933MHz Micron ECC (MTA18ASF1G72PDZ-2G6F1)	8Gb
8Gb DDR4 2933MHz Micron ECC Reg (MTA9ASF1G72PZ-2G9E1/J3)	8Gb
8Gb DDR4 3200MHz Micron ECC RDIMM (MTA9ADF1G72PZ-3G2E1)	8Gb
8Gb DDR4 3200MHz Micron ECC Reg (MTA9ASF1G72PZ-3G2)	8Gb
16Gb DDR-III 1866MHz Hynix ECC Reg (HMT42GR7AFR4C-RD)	16Gb
16Gb DDR4 2400MHz Samsung ECC Reg OEM	16Gb
16Gb DDR4 2666MHz Hynix ECC Reg	16Gb
16Gb DDR4 2666MHz Hynix ECC Reg (HMA42GR7BJR4N-VKTF)	16Gb
16Gb DDR4 2666MHz Hynix ECC Reg (HMA82GR7DJR4N-VK)	16Gb
16Gb DDR4 2666MHz Hynix ECC Reg (HMA82GR7JJR4N-VK)	16Gb
16Gb DDR4 2666MHz Micron ECC RDIMM (MTA36ASF2G72PZ-2G6E1)	16Gb
16Gb DDR4 2666MHz Micron ECC Reg (MTA18ASF2G72PDZ-2G6J1)	16Gb
16Gb DDR4 2933MHz Crucial ECC Reg (CT16G4RFD8293)	16Gb
16Gb DDR4 2933MHz Micron ECC RDIMM (MTA18ASF2G72PDZ-2G9)	16Gb
16Gb DDR4 2933MHz Micron ECC RDIMM (MTA18ASF2G72PZ-2G9E1)	16Gb
16Gb DDR4 2933MHz Micron ECC RDIMM (MTA9ASF2G72PZ-2G9E1)	16Gb
16Gb DDR4 3200MHz Crucial ECC Reg (CT16G4RFS832A)	16Gb
16Gb DDR4 3200MHz Micron ECC RDIMM (MTA18ASF2G72PZ-3G2J3)	16Gb
16Gb DDR4 3200MHz Micron ECC RDIMM (MTA9ASF2G72PZ-3G2B1)	16Gb
16Gb DDR4 3200MHz Micron ECC Reg (MTA18ASF2G72PDZ-3G2E1)	16Gb
16Gb DDR4 3200MHz Micron ECC VLP RDIMM (MTA18ADF2G72PZ-3G2E1)	16Gb
32Gb DDR4 2666MHz Crucial ECC Reg (CT32G4RFD4266)	32Gb
32Gb DDR4 2666MHz Crucial LRDIMM (CT32G4LFD4266)	32Gb
32Gb DDR4 2666MHz Hynix ECC Reg (HMA84GR7AFR4N-VK) OEM	32Gb
32Gb DDR4 2666MHz Micron ECC Reg (MTA36ASF4G72PZ-2G6E1)	32Gb
32Gb DDR4 2666MHz Micron ECC Reg (MTA36ASF4G72PZ-2G6J1)	32Gb
32Gb DDR4 2666MHz Samsung ECC OEM	32Gb
32Gb DDR4 2666MHz Samsung ECC Reg OEM	32Gb
32Gb DDR4 2933MHz Hynix ECC Reg (HMA84GR7CJR4N-WMT8)	32Gb
32Gb DDR4 2933MHz Micron ECC (MTA36ASF4G72PZ-2G9J1)	32Gb
32Gb DDR4 2933MHz Micron ECC RDIMM (MTA18ADF4G72PZ-2G9B1)	32Gb
32Gb DDR4 2933MHz Micron ECC RDIMM (MTA18ASF4G72PZ-2G9E1)	32Gb
32Gb DDR4 2933MHz Micron ECC RDIMM (MTA36ASF4G72PZ-2G9J3)	32Gb
32Gb DDR4 2933MHz Micron ECC Reg (MTA18ASF4G72PDZ-2G9)	32Gb
32Gb DDR4 2933MHz Micron ECC Reg (MTA18ASF4G72PZ-2G9B1)	32Gb
32Gb DDR4 2933MHz Micron ECC Reg (MTA36ASF4G72PZ-2G9)	32Gb

НАИМЕНОВАНИЕ	ОБЪЕМ
32Gb DDR4 2933MHz Micron ECC Reg (MTA36ASF4G72PZ-2G9E2)	32Gb
32Gb DDR4 2933MHz Samsung ECC RDIMM	32Gb
32Gb DDR4 2933MHz Samsung ECC Reg OEM	32Gb
32Gb DDR4 2933MHz Samsung ECC Reg RDIMM OEM	32Gb
32Gb DDR4 3200MHz Crucial ECC Reg (CT32G4RFD832A)	32Gb
32Gb DDR4 3200MHz Hynix ECC Reg (HMAA4GR7AJR4N-XNTG)	32Gb
32Gb DDR4 3200MHz Micron ECC (MTA18ASF4G72AZ-3G2B1)	32Gb
32Gb DDR4 3200MHz Micron ECC RDIMM (MTA18ASF4G72PDZ-3G2B2)	32Gb
32Gb DDR4 3200MHz Micron ECC Reg (MTA18ASF4G72PDZ-3G2E1)	32Gb
32Gb DDR4 3200MHz Micron ECC Reg (MTA18ASF4G72PZ-3G2E1)	32Gb
32Gb DDR4 3200MHz Samsung ECC Reg OEM	32Gb
32Gb DDR4 3200MHz Samsung ECC Reg OEM	32Gb
64Gb DDR4 2666MHz Micron ECC (MTA72ASS8G72LZ-2G6D2)	64Gb
64Gb DDR4 2666MHz Micron ECC Reg (MTA72ASS8G72PSZ-2S6E1)	64Gb
64Gb DDR4 2666MHz Samsung ECC Reg LRDIMM OEM	64Gb
64Gb DDR4 2933MHz Micron ECC (MTA36ASF8G72LZ-2G9B1)	64Gb
64Gb DDR4 2933MHz Micron ECC LRDIMM (MTA72ASS8G72LZ-2G9J1)	64Gb
64Gb DDR4 2933MHz Micron ECC Reg (MTA36ASF8G72PZ-2G9B2)	64Gb
64Gb DDR4 2933MHz Micron ECC Reg (MTA36ASF8G72PZ-2G9E1)	64Gb
64Gb DDR4 2933MHz Samsung ECC Reg LRDIMM OEM	64Gb
64Gb DDR4 3200MHz Crucial ECC Reg (CT64G4RFD432A)	64Gb
64Gb DDR4 3200MHz Hynix ECC Reg (HMAA8GR7AJR4N-XNT8)	64Gb
64Gb DDR4 3200MHz Micron ECC Reg (MTA36ASF8G72PZ-3G2B2)	64Gb
64Gb DDR4 3200MHz Micron ECC Reg (MTA36ASF8G72PZ-3G2E1)	64Gb
64Gb DDR4 3200MHz Samsung ECC Reg OEM	64Gb
128Gb DDR4 2933MHz Samsung ECC Reg LRDIMM OEM	128G

3. 3.5” HDD SAS жесткие диски

НАИМЕНОВАНИЕ	ОБЪЕМ GB
1Tb SAS Seagate Exos 7E8 (ST1000NM001A)	1Tb
2Tb SAS Seagate Exos 7E8 (ST2000NM003A)	2Tb
2Tb SAS Seagate Exos 7E8 (ST2000NM004A)	2Tb
2Tb SAS Toshiba Enterprise (MG04SCA20EE)	2Tb
4Tb SAS Seagate Exos 7E8 (ST4000NM003A)	4Tb
4Tb SAS Seagate Exos 7E8 (ST4000NM005A)	4Tb
4Tb SAS Toshiba Enterprise (MG04SCA40EE)	4Tb
4Tb SAS WD (HGST) Ultrastar DC HC310 (0B36048)	4Tb
6Tb SAS Seagate Exos 7E8 (ST6000NM029A)	6Tb
6Tb SAS Toshiba (MG04SCA60EE)	6Tb
6Tb SAS Toshiba (MG06SCA600E)	6Tb
6Tb SAS WD (HGST) Ultrastar 7K6 (0B36047)	6Tb
8Tb SAS WD (HGST) Ultrastar He10 (0F27408)	8Tb
8Tb SAS Seagate Exos 7E8 (ST8000NM001A)	8Tb
8Tb SAS Toshiba (MG06SCA800E)	8Tb
8Tb SAS WD (HGST) Ultrastar DC HC320 (0B36400)	8Tb
10Tb SAS Seagate Exos X16 (ST10000NM002G)	10Tb
10Tb SAS Toshiba (MG06SCA10TE)	10Tb
10Tb SAS WD (HGST) Ultrastar DC HC330 (0B42258)	10Tb
10Tb SAS WD (HGST) Ultrastar He10 (0F27354)	10Tb
12Tb SAS Seagate Exos X16 (ST12000NM002G)	12Tb
12Tb SAS Toshiba (MG07SCA12TE)	12Tb
12Tb SAS WD (HGST) Ultrastar He12 (0F29532)	12Tb
12Tb SAS WD (HGST) Ultrastar He12 (0F29562)	12Tb
14Tb SAS WD (HGST) Ultrastar DC HC530 (0F31052)	14Tb
14Tb SAS Seagate Exos X16 (ST14000NM002G)	14Tb
14Tb SAS Toshiba (MG07SCA14TE)	14Tb
16Tb SATA-III WD (HGST) Ultrastar HC550 (0F38462)	16Tb
16Tb SAS WD (HGST) Ultrastar HC550 (0F38357)	16Tb
16Tb SAS Seagate Exos X16 (ST16000NM002G)	16Tb
18Tb SATA-III WD (HGST) Ultrastar HC550 (0F38459)	18Tb
18Tb SAS WD (HGST) Ultrastar HC550 (0F38353)	18Tb
18Tb SAS Seagate Exos X18 (ST18000NM004J)	18Tb
18Tb SATA-III Seagate Exos X18 (ST18000NM000J)	18Tb

4. 2.5" HDD SAS жесткие диски

НАИМЕНОВАНИЕ	ОБЪЕМ
300Gb SAS Seagate Enterprise Performance 15K (ST300MP0106)	300Gb
300Gb SAS Seagate Enterprise Performance (ST300MM0048)	300Gb
300Gb SAS Seagate Enterprise Performance 15K (ST300MP0006)	300Gb
300Gb SAS Toshiba (AL15SEB030N)	300Gb
400Gb SAS Seagate Nytro 3732 (XS400ME70084)	400Gb
600Gb SAS Seagate Enterprise Performance 10K.9 (ST600MM0099)	600Gb
600Gb SAS Seagate Enterprise Performance 15K (ST600MP0006)	600Gb
600Gb SAS Seagate Exos 15E900 (ST600MP0136)	600Gb
600Gb SAS Toshiba (AL14SEB060N)	600Gb
600Gb SAS Toshiba (AL14SXB60EN)	600Gb
600Gb SAS Toshiba (AL15SEB060N)	600Gb
800Gb SAS Seagate Nytro 3532 (XS800LE70084)	800Gb
800Gb SAS Seagate Nytro 3732 (XS800ME70084)	800Gb
900Gb SAS Seagate Enterprise Performance 15K (ST900MP0006)	900Gb
900Gb SAS Seagate Enterprise Performance 15K (ST900MP0146)	900Gb
900Gb SAS Toshiba (AL14SEB090N)	900Gb
900Gb SAS Toshiba (AL15SEB090N)	900Gb
960Gb SAS Seagate Nytro 3332 (XS960SE70084)	960Gb
1Tb SAS Seagate Enterprise Capacity (ST1000NX0333)	1Tb S
1.2Tb SAS Seagate Enterprise Performance 10K.9 (ST1200MM0129)	1.2Tb
1.2Tb SAS Toshiba (AL15SEB120N)	1.2Tb
1.6Tb SAS Seagate Nytro 3532 (XS1600LE70084) OEM	1.6Tb
1.8Tb SAS Seagate Enterprise Performance 10K.9 (ST1800MM0129)	1.8Tb
1.8Tb SAS Toshiba (AL15SEB18EQ)	1.8Tb
2Tb SAS Seagate Enterprise Capacity 2.5 (ST2000NX0273)	2Tb S
2.4Tb SAS Seagate Enterprise Performance 10K.9 (ST2400MM0129)	2.4Tb
2.4Tb SAS Toshiba (AL15SEB24EQ)	2.4Tb

5. 2.5" SSD SAS накопители

НАИМЕНОВАНИЕ	ОБЪЕМ
400Gb SAS Seagate Nytro 3031 SSD (XS400ME70004)	400Gb
400Gb SAS WD (HGST) Ultrastar SS530 SSD (0B40341/0P40341)	400Gb
400Gb SAS WD (HGST) Ultrastar SS530 SSD (0B40357)	400Gb
480Gb SAS WD (HGST) Ultrastar SS530 SSD (0B40320/0P40320)	480Gb
800Gb SAS WD (HGST) Ultrastar DC SS530 SSD (0B40361/0P40361)	800Gb
800Gb SAS WD (HGST) Ultrastar DC SS530 SSD (0P40345)	800Gb
800Gb SAS Seagate Nytro 3731 SSD (XS800ME70004)	800Gb
960Gb SAS WD (HGST) Ultrastar SS530 SSD (0B40325/0P40325)	960Gb
1.6Tb SAS WD (HGST) Ultrastar DC SS530 SSD (0B40333/0P40333)	1.6Tb
1.6Tb SAS WD (HGST) Ultrastar DC SS530 SSD (0B40349/0P40349)	1.6Tb
1.6Tb SAS Seagate Nytro 3531 SSD (XS1600LE70004)	1.6Tb
1.92Tb SAS Seagate Nytro 3332 SSD (XS1920SE70084)	1.92T
1.92Tb SAS WD (HGST) Ultrastar SS530 SSD (0B40329)	1.92T
3.2Tb SAS WD (HGST) Ultrastar DC SS530 SSD (0B40337/0P40337)	3.2Tb
3.2Tb SAS Seagate Nytro 3531 SSD (XS3200LE70004) OEM	3.2Tb
3.84Tb SAS Seagate Nytro 3331 SSD (XS3840SE70004) OEM	3.84T
6.25Tb SAS WD (HGST) Ultrastar DC SS530 SSD (0B40365)	6.25T

6. Карты расширения

НАИМЕНОВАНИЕ
Raid Контроллеры BROADCOM (LSI) серии 93xx, 94xx, 95xx
HBA Контроллеры BROADCOM (LSI) серии 93xx, 94xx, 95xx
Raid Контроллеры Microchip (Adaptec) серии 8XXX, SmartRaid 31xx.
Сетевые карты Intel up to 2.5GbE серии i21x, i225, i350
Сетевые карты Intel up to 40GbE серии x550, x540, x520, x710, xxv710, xl710
Сетевые карты Intel up to 100GbE серии E810
Сетевые карты LR-Link на базе Intel серии i21x, i225, i350
Сетевые карты LR-Link на базе Intel серии x550, x540, x520, x710, xxv710, xl710
Сетевые карты LR-Link на базе Intel серии E810
FC адаптеры QLogic серии 2770, 2760, 2740, 2690, 2670, 2500
FC адаптеры Emulex серии LPe31xxx, LPe32xxx
Графический ускоритель nVidia Tesla T4
Графический ускоритель nVidia Quadro P400
Графический ускоритель nVidia Quadro P600, P620
Графический ускоритель nVidia Quadro P1000
Видеокарты NVIDIA GeForce GT710, GT730, GT1030

7. Операционные системы и ПО

Российские ОС
Astra Linux 1.6 SE / CE
ALT Linux 9 / 10
RED OS
Rosa Virtualization
RAIDIX
Platform V SberLinux OS Server
Windows
Microsoft Windows Server Standard 2016/2019/2022
Microsoft Windows Server Essentials 2016/2019/2022
Microsoft Windows Server Datacenter 2016/2019/2022
Linux
RedHat Enreprise Linux 7/8
CentOS 7.0 и выше
Ubuntu 14.10
SuSE Linux 13.1
SuSE SLES 11/12 SP3/12
VMware
Vmware ESXi 6.5, 6.7, 7.0
Hyper-V
Hyper-V Server -2016

Работоспособность ПО и комплектующих отсутствующих в списке совместимости не гарантирована.