

Servers and Workstations

Third-party Servers

Note: The servers listed below are either CERTIFIED by Oracle or tested as 'reported to work' in a specific configuration by the vendor or a community member.

1. Update your server BIOS. This will fix most installation issues with legacy machines.
2. Use [hipster](#) for any testing as well as the device detection tool.

Manufacturer	Model	Drivers	Notes	Contributor
Dell	Optiplex 9010		OI 2018.04, GFX, network, AHCI disks work	Michal Nowak
Dell	PowerEdge R610		oi_151.1.4, all ok	Jorge Palma Escobar
Dell	PowerEdge R620		oi_151a9, all ok. oi_151a1 doesnt recognize raid controller	Jason Matthews
Dell	PowerEdge R720		oi_151a9 all okay	Jason Matthews
Dell	PowerEdge R820		oi_151a9 severe performance problems on ixgbe - difficult to break 300 mb/s transmitting, receiving is okay	Jason Matthews
Dell	PowerEdge 1950 III		oi_151a7, all working perfectly	ctable
Dell	PowerEdge SC1425		oi_151a9, hipster everything works	Johan Sanchez
Dell	PowerEdge 4600		oi_151a9, hipster everything works	Johan Sanchez
HP	DL360 G6	bnx	If you use the built in P410i array controller you should make sure you have or get the battery back up so the write cache is enabled or ZFS performance will be horrible. Also it is recommended that you install HP's free hpacucli command to make it easier to enable swapped out hotswap drives.	Logan Bruns
HP	DL380 G7		Intel 5520 chipset based motherboard <ul style="list-style-type: none"> • Broadcom Corporation NetXtreme II BCM5709 • p410i RAID controller performance sucks like a Hoover vacuum. No JBOD support. • Requires new firmware all around or the installation of an SSD triggers a bug that starts a thermal shutdown • iLO works as expected. Download drivers directly from HP along with the scripting toolkit to make bios configuration changes in OS – neat level of integration • Expect monthly firmware updates on this platform. HP has a fix it in the field approach • There has been some conflict between LSI cards and HP's <i>passive</i> midplane. Every other column of disks must be left vacant or data corruption occurs. Last December LSI and HP were pointing fingers at each other, however, this problem may be resolved. I am no longer in a position where I can risk the data on the disks to find out. I installed both midplanes and half the drive slots are empty at the moment. 	Jason Matthews
HP	ML110 G7		oi_151a_prestable5, Intel Xeon E3 1220, no reported driver issues.	Dave Koelmeyer
HP	ProLiant MicroServer Gen8 G1610T		Get driver for Smart Array B120i/ZM. ZFS works well.	Miguelino Schwin
HP	ProLiant Microserver Gen8 G20 20T		HP NC112T NIC works by default. Used updated CPQary driver. Very stable. Home video server.	Ryan Diomi
HP	ProLiant MicroServer Gen8 E3-1220Lv2		HP NC112T NIC. 16GB RAM. hipster-20140701 installed. Very stable.	Ryan Diomi
HP	ProLiant Microserver N40L		oi_151a5. No special drivers required.	Jon Green
IBM	xServer x3100 M4		oi_151a5. No special drivers required. Intel(R) Xeon(R) CPU E31220 @ 3.10GHz Socket 1 Ethernet 1 Intel 82574L Ethernet Controller	Jorge Palma Escobar jpalmae@gmail.com

Intel	MFSYS25 (6x blade server chassis with shared storage presented as SAN)		No particular Solaris-related problems (all networking and storage components recognized by oi_151a and several older Solaris 10 distros). Did not test MPxIO with Solaris because this box had no secondary IO controller (had it working with Linux and Windows on other such boxes). However the stability of remote serial console, remote graphical jKVM and remote media used for installation leaves a lot better to be desired (in comparison with Sun Fire IPMI/ILOM interfaces). May be a pain to install over pure remote-console networking, but this regards any OS we tried with the server. Physical distro media is required very much recommended. After that, all works well =)	Jim Klimov
Intel	SR2625URLX	igb IC H 10	oi_151a1 no problems <ul style="list-style-type: none"> • Intel S5520 motherboard • Intel Corporation 82801JI (ICH10 Family) • Intel Corporation 82575EB Gigabit Network Connection • RMM3 works as expected (as an OEMd service processor from AMI), but no bmc driver support in OI (works in Solaris 11) • Onboard SATA/SAS ports work in AHCI mode on the passive midplane but hot plug seems broken. I recommend internal LSI cards in any case. • I did not try the serial console, but I would assume that works • Hardware throws ECC errors on large memory installations (96GB) up until version 50 of firmware. Recommend v60+ • System is unable to fast boot and generates an error about a 32bit address. Alter boot config in the repo to do a full boot to work around this problem. 	Jason Matthews
Storage	N500/S500		oi151a7, all working fine	ctable
SuperMicro	SuperServer 6016T-MTHF			Milan Jurik
SuperMicro	SYS-6026T-6RF+			Geoff Flarity
SuperMicro	AS-2122TG-HTR	igb	oi_151a3 no problems with <ul style="list-style-type: none"> • Advanced Micro Devices [AMD] ... • Intel Corporation 82576 Gigabit Network Connection • Matrox Graphics, Inc. MGA G200eW WPCM450 • ATI Technologies Inc RD890 ... • ATI Technologies Inc SB700/SB800 ... 	Uwe Reh
Zotac	Zbox ID-18U	rge	oi_151a7 All working except for Intel graphics (only VGA), and USB3 (has no driver).	Gary Mills

List of legacy servers reported to work or certified with Solaris 11.x

Dell	PowerEdge 1950
Dell	PowerEdge 1950 III
Dell	PowerEdge 1955
Dell	PowerEdge 2900
Dell	PowerEdge 2900 III
Dell	PowerEdge 2950
Dell	PowerEdge 2950 III
Dell	PowerEdge 2970
Dell	PowerEdge 400SC
Dell	PowerEdge C1100
Dell	PowerEdge C2100
Dell	PowerEdge M520
Dell	PowerEdge M600
Dell	PowerEdge M605
Dell	PowerEdge M610
Dell	PowerEdge M620
Dell	PowerEdge M630
Dell	PowerEdge M710
Dell	PowerEdge M710HD
Dell	PowerEdge M805

Dell	PowerEdge M820
Dell	PowerEdge M905
Dell	PowerEdge M910
Dell	PowerEdge M915
Dell	PowerEdge R300
Dell	PowerEdge R300
Dell	PowerEdge R310
Dell	PowerEdge R415
Dell	PowerEdge R515
Dell	PowerEdge R610
Dell	PowerEdge R620
Dell	PowerEdge R630
Dell	PowerEdge R710
Dell	PowerEdge R715
Dell	PowerEdge R720
Dell	PowerEdge R720xd
Dell	PowerEdge R730
Dell	PowerEdge R730xd
Dell	PowerEdge R805
Dell	PowerEdge R810
Dell	PowerEdge R815
Dell	PowerEdge R820
Dell	PowerEdge R830
Dell	PowerEdge R900
Dell	PowerEdge R905
Dell	PowerEdge R910
Dell	PowerEdge R920
Dell	PowerEdge R930
Dell	PowerEdge T300
Dell	PowerEdge T310
Dell	PowerEdge T430
Dell	PowerEdge T610
Dell	PowerEdge T630
Dell	PowerEdge T710
Dell	Precision T3400 Workstation
Dell	Precision T3600 Workstation
Dell	Precision T3610 Workstation
Gigabyte	GB-BXi3H-4010 Brix S Ultra Compact PC Kit
Hewlett-Packard	Compaq 8000 Elite Minitower
Hewlett-Packard	ProLiant DL 360 G3
Hewlett-Packard	ProLiant DL160

Hewlett-Packard	ProLiant DL160se G6
Hewlett-Packard	ProLiant DL165 G5
Hewlett-Packard	ProLiant DL170h G6
Hewlett-Packard	ProLiant DL180
Hewlett-Packard	ProLiant DL185 G5
Hewlett-Packard	ProLiant DL320 G6
Hewlett-Packard	ProLiant DL360
Hewlett-Packard	ProLiant DL360p Gen8
Hewlett-Packard	ProLiant DL365
Hewlett-Packard	ProLiant DL370 G6
Hewlett-Packard	ProLiant DL380
Hewlett-Packard	ProLiant DL380p Gen8
Hewlett-Packard	ProLiant DL385
Hewlett-Packard	ProLiant DL560
Hewlett-Packard	ProLiant DL580
Hewlett-Packard	ProLiant DL585
Hewlett-Packard	ProLiant DL785
Hewlett-Packard	ProLiant DL980 G7
Hewlett-Packard	Z240 Workstation
Hewlett-Packard	Z440 Workstation
Hewlett-Packard	Z640 Workstation
Hewlett-Packard	Z840 Workstation
IBM	System x3200 M3 (7328)
IBM	System x3250 (4364K1G)
IBM	System x3550 M2 (7946)
IBM	System x3550 M3 (7944)
IBM	System x3650
IBM	System x3650 M2
IBM	System x3650 M3 (7945)
IBM	System x3650 M4 (7915)
IBM	System x3755 (7163)
IBM	System x3755 (8877)
IBM	System x3850 M2
IBM	System x3850 X5 (7143-AC1)
IBM	System x3850 X5 (7145-5RY)
IBM	System x3950 M2 (7233)
IBM	System x3950 X5
Oracle America, Inc.	Sun Fire X2100
Oracle America, Inc.	Sun Fire X2100 M2
Oracle America, Inc.	Sun Fire X2200 M2
Oracle America, Inc.	Sun Fire X2250

Oracle America, Inc.	Sun Fire X2270
Oracle America, Inc.	Sun Fire X2270 M2
Oracle America, Inc.	Sun Fire X4100
Oracle America, Inc.	Sun Fire X4100 M2
Oracle America, Inc.	Sun Fire X4140
Oracle America, Inc.	Sun Fire X4150
Oracle America, Inc.	Sun Fire X4170
Oracle America, Inc.	Sun Fire X4170 M2
Oracle America, Inc.	Sun Fire X4200
Oracle America, Inc.	Sun Fire X4200 M2
Oracle America, Inc.	Sun Fire X4240
Oracle America, Inc.	Sun Fire X4250
Oracle America, Inc.	Sun Fire X4270
Oracle America, Inc.	Sun Fire X4270 M2
Oracle America, Inc.	Sun Fire X4275
Oracle America, Inc.	Sun Fire X4440
Oracle America, Inc.	Sun Fire X4450
Oracle America, Inc.	Sun Fire X4470
Oracle America, Inc.	Sun Fire X4500
Oracle America, Inc.	Sun Fire X4540
Oracle America, Inc.	Sun Fire X4600
Oracle America, Inc.	Sun Fire X4600 M2
Oracle America, Inc.	Sun Fire X4640
Oracle America, Inc.	Sun Fire X4800 Server
Oracle America, Inc.	Sun Netra X4250
Oracle America, Inc.	Sun Netra X4270
Oracle America, Inc.	Sun Netra X4450
Oracle America, Inc.	Sun Netra X6270 M2
Oracle America, Inc.	Sun Server X2-4 (formerly Sun Fire X4470 M2)
Oracle America, Inc.	Sun Server X3-2 (formerly Sun Fire X4170 M3)
Oracle America, Inc.	Sun Server X3-2L (formerly Sun Fire X4270 M3)