Sun Ray Client and Oracle Virtual Desktop Client Peripherals

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Sun Ray Client Peripherals

Oracle provides the following list of peripherals that have been known to work under specific configurations with **Sun Ray 3 Series Clients**. *This list is available for informational purposes only.* Oracle does not certify and does not make any representations regarding the safety, stability, and performance of using these peripherals with Sun Ray Software or Oracle Virtual Desktop Infrastructure. While many peripherals do work with Sun Ray Software and Oracle Virtual Desktop Infrastructure, users are responsible for selecting and testing a peripheral device prior to deployment that is compatible with their software, systems, and desktop clients. Oracle is not responsible for the proper functioning or any damage that may be incurred by using a peripheral device. This information should not be relied upon in making purchasing decisions and further *user testing is highly recommended* for your configuration. The peripherals list and its specifications are subject to change without prior notice.

The latest release of Sun Ray Software or Oracle Virtual Desktop Infrastructure, and Sun Ray Operating Software is highly recommended. This list refers to the following release requirements (exceptions apply where specifically noted):

- Minimum Sun Ray Software 5.2.5
- Minimum Oracle Virtual Desktop Infrastructure 3.3.2

Legend

✓ = works
X = does not work
ND = no driver available
NT = not tested

Peripherals - Windows Desktops

The following table shows the list of devices known to work on Windows desktops under specific configurations. Result may vary depending on your configuration. Devices working in the Windows environment rely on the USB redirection component, except for headsets, monitors, keyboards and mice.

Product	Model Number	MS RDP				VRDP	
		Win 03	Win 08	Win XP	Win 7	Win XP	Win 7
Flash Drives							
Corsair Voyager 16GB	CMFUSB2.0-16GB	✓	✓	✓	✓	✓	✓
Crucial Gizmo 1GB	JDOD1GB-00-5005 Rev D	✓	✓	✓	✓	✓	✓
Edge DiskGO 8GB	n/a	✓	✓	✓	✓	✓	✓
Freecom DataBar 1GB	n/a	✓	✓	✓	✓	✓	✓
Imation Swivel Pro 512MB	n/a	✓	✓	✓	✓	✓	✓
Kingston DataTraveler 1GB	DTI-1GB	✓	✓	✓	✓	✓	✓
Kingston DataTraveler 150 64GB	DT150-64GB	✓	✓	✓	✓	✓	✓
Lexar JumpDrive 64MB	n/a	✓	✓	✓	✓	✓	✓
Lexar Retrax 16GB	LJDRX16G	✓	✓	✓	✓	✓	✓
Lexar TwistTurn 8GB	LJDTT8GBASBNA	✓	✓	✓	✓	✓	✓
Memorex ThumbDrive 512MB	n/a	✓	✓	✓	✓	✓	✓
Memorex TravelDrive 1GB	USB 2.0 32509067	✓	✓	✓	✓	✓	✓
PNY Attache 16GB	n/a	✓	✓	✓	✓	✓	✓
PNY Mini 2GB	n/a	✓	✓	✓	✓	✓	✓
SanDisk Cruzer 2GB	SDCZ6-2048RB	✓	✓	✓	✓	✓	✓
SimpleTech Bonzai 256MB	STI-USB2FD/256	✓	✓	✓	✓	✓	✓
Sony MicroVault 1GB	SOK-USM1GJ	✓	✓	✓	✓	✓	✓
Transcend Jetflash 8GB	JF V35	X	X	X	X	✓	✓
Verbatim Store 'n' Go 2GB	n/a	✓	✓	✓	✓	✓	✓
Verbatim TuffClip 8GB	97014	✓	✓	✓	✓	✓	✓

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Product	Model Number	MS RDP				VRDP	
		Win 03	Win 08	Win XP	Win 7	Win XP	Win 7
Secure Flash Drives							
IronKey Basic S200 2GB	D2-S200-S02-3FIPS	✓	✓	✓	✓	✓	✓
Kingston Datatraveler Locker 8GB	DTL/8GB	✓	✓	✓	✓	✓	✓
Safenet iKey 2032 Authentication Token	909-23003-002	X	X	✓	X	✓	X
Safenet iKey 4000 Authentication Token	DQB-09402-JCJ	X	X	X	X	✓	✓
Printers							
HP Deskjet 1000	CH340A	ND	ND	✓	✓	✓	✓
HP LaserJet 1320	Q5927A	✓	✓	✓	✓	✓	✓
HP LaserJet 3050 All-in-One	Q6504A	ND	✓	✓	✓	✓	✓
HP LaserJet P3015dn	CE528A	✓	✓	✓	✓	✓	✓
HP LaserJet 4050	C4251A	✓	✓	✓	✓	✓	✓
Lexmark Optra M410	4K00252	✓	✓	✓	✓	✓	✓
Lexmark Z1300	20A0000	X	✓	X	✓	✓	✓
Scanners							
Brother DCP-385c	DCP-385C	ND	ND	✓	✓	✓	✓
Canon Pixma MX860	3301B002	ND	ND	✓	X	✓	✓
Epson Perfection 1650	G805A	ND	ND	✓	✓	✓	✓
Epson Stylus NX115	C11CA46211	ND	ND	✓	✓	✓	✓
HP Photosmart 2610xi	Q3450A	ND	ND	✓	✓	X	X
HP Photosmart C4680	Q8418A	ND	ND	✓	✓	✓	✓
HP ScanJet 5590	L1910A	ND	ND	✓	✓	✓	✓
External Drives							
LaCie USB Pocket Floppy Disk Drive	706018	✓	✓	✓	✓	✓	✓
Verbatim SmartDisk Titanium 2x USB 2.0 External Floppy Disk Drive	FDUSB-TM2	✓	✓	✓	✓	✓	✓
TEAC Floppy Disk Drive	FD-05PU	✓	✓	✓	✓	✓	✓
Iomega Zip 100	30957900	✓	✓	✓	✓	✓	✓
HP External CD/DVD R/RW Drive	FS943UT	✓	✓	✓	✓	✓	✓
Targus DVD/CD-RW Slim External Drive	PACMB010U	✓	✓	✓	✓	✓	✓
Buffalo Technology MiniStation Metro 320 GB Portable Hard Drive	HD-PXT320U2	✓	✓	✓	✓	✓	✓
Headsets							
Jabra BIZ 620	6299-829-104	✓	✓	✓	✓	✓	✓
Jabra BIZ 2400	2499-829-105	✓	✓	✓	✓	✓	✓
Logitech H530	A-00008	✓	✓	✓	✓	✓	✓
Logitech USB 250	A-0356A	✓	✓	✓	✓	✓	✓
Plantronics DSP 400	76921-11	✓	✓	✓	✓	✓	✓
Keyboards							
Oracle Sun Keyboards - Type 6, 7	3701A-*xxx*, X3701A-*xxx*	✓	✓	✓	✓	✓	✓
Oracle Keyboard (Oracle Peripheral Kit) ***Note: Must be AT LEAST the minimum versions: SRS 5.4 and SROS 11.1.1. This is the minimum configuration of SRS with SROS tested.***	SK-9025 (Peripheral Kit PN: 7105xxx)	✓	✓	✓	✓	✓	✓

Product	Model Number	MS RDP				VRDP	
		Win 03	Win 08	Win XP	Win 7	Win XP	Win 7
Mice							
Oracle's Sun Optical Scroll Mouse	Type 6	✓	✓	✓	✓	✓	✓
Oracle's Sun Optical Scroll Mouse	Type 7	✓	✓	✓	✓	✓	✓
Oracle Mouse (Oracle Peripheral Kit)	SM-9020 (Peripheral Kit PN: 7105xxx)	✓	✓	✓	✓	✓	✓
Microsoft Wireless Mobile Mouse 1000	1454	✓	✓	✓	✓	✓	✓
Microsoft Wireless Mobile Mouse 2000	1416	✓	✓	✓	✓	✓	✓
Microsoft Wireless Mobile Mouse 3000	1359	✓	✓	✓	✓	✓	✓
Microsoft Wireless Mobile Mouse 3500	1427	✓	✓	✓	✓	✓	✓
Microsoft Wireless Mobile Mouse 4000	1383	✓	✓	✓	✓	✓	✓
Microsoft Wireless Mobile Mouse 5000	1387	✓	✓	✓	✓	✓	✓
Barcode Scanners							
Code Reader 2500	CR2500	✓	✓	✓	✓	✓	✓
Biometric Fingerprint Devices							
Upek Eikon Digital Privacy Manager	TCRE3C0BE6A0YA6	**ND**	**ND**	**X**	**X**	✓	✓
CCID Compliant Smart Card Readers							
SCM Microsystems SCR3310	SCR3310-1-3	✓	**ND**	✓	✓	✓	✓
SCM Microsystems SCR331	SCR331-1-3	✓	**ND**	✓	✓	✓	✓
Digital Pens							
Maxell Pen-It	DP-201	✓	**ND**	✓	✓	**X**	**X**
Signature Pad							
Topaz LCD	T-LBK766-SE-BHSB-R	✓	✓	✓	✓	✓	✓
USB Serial Adapters							
Edgeport/2	301-0100-02	✓	✓	✓	✓	✓	✓
Smart Phones							
Apple iPhone 4	A1332	**X**	**X**	**X**	**X**	✓	✓
Touchscreen Displays							
3M*	M2167PW	✓	✓	✓	✓	✓	✓
Planar*	PT1911MX	✓	✓	✓	✓	✓	✓
Planar*	PT2285PW	✓	✓	✓	✓	✓	✓

* Touchscreen Display Requirements: Sun Ray 3 or 3 Plus Client; minimum Sun Ray Operating Software 11.1.1, and minimum Sun Ray Software 5.3 or Oracle Virtual Desktop Infrastructure 3.4.

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Peripherals - Solaris and Linux Desktops

The following table shows the list of peripherals that have been known to work under specific configurations on Solaris and Oracle Linux desktops, as Sun Ray sessions. Results may vary depending on your configuration.

Product	Model Number	Solaris	Linux
Flash Drives			
Corsair Voyager 16GB	CMFUSB2.0-16GB	✓	✓
Crucial Gizmo 1GB	JDOD1GB-00-5005 Rev D	✓	✓
Edge DiskGO 8GB	n/a	✓	✓
Freecom DataBar 1GB	n/a	✓	✓
Imation Swivel Pro 512MB	n/a	✓	✓
Kingston DataTraveler 1GB	DTI-1GB	✓	✓
Kingston DataTraveler 150 64GB	DT150-64GB	✓	✓
Lexar JumpDrive 64MB	n/a	✓	✓
Lexar Retrax 16GB	LJDRX16G	✓	✓
Lexar TwistTurn 8GB	LJDTT8GBASBNA	✓	✓
Memorex ThumbDrive 512MB	n/a	✓	✓
Memorex TravelDrive 1GB	USB 2.0 32509067	✓	✓
PNY Attache 16GB	n/a	✓	✓
PNY Mini 2GB	n/a	✓	✓
SanDisk Cruzer 2GB	SDCZ6-2048RB	✓	✓
SimpleTech Bonzai 256MB	STI-USB2FD/256	✓	✓
Sony MicroVault 1GB	SOK-USM1GJ	✓	✓
Transcend Jetflash 8GB	JF V35	X	X
Verbatim Store 'n' Go 2GB	n/a	✓	✓
Verbatim TuffClip 8GB	97014	✓	✓
Printers			
HP LaserJet 1320	Q5927A	✓	✓
HP LaserJet 3050 All-inOne	Q6504A	✓	✓
HP LaserJet P3015dm	CE528A	✓	✓
HP LaserJet 4050	C4251A	✓	✓
HP LaserJet 5M	C3917A	✓	✓
Lexmark Optra M410	4K00252	✓	✓
Scanners			
Brother DCP-385c	DCP-385C	ND	ND
Canon Pixma MX860	3301B002	X	X
Epson Perfection 1650	G805A	✓	X
Epson Stylus NX115	C11CA46211	ND	ND
HP Photosmart 2610xi	Q3450A	ND	ND
HP Photosmart C4680	Q8418A	ND	ND
HP ScanJet 5590	L1910A	X	X
External Drives			
Iomega Zip 100 (Zip Drive)	30957900	✓	✓
HP External USB CD/DVD R/RW Drive	FS943UT	✓	✓

Product	Model Number	Solaris	Linux
Buffalo Technology MiniStation Metro 320 GB USB 2.0 Portable Hard Drive	HD-PXT320U2	✓	✓
Headsets			
Jabra BIZ 620	6299-829-104	✓	✓
Jabra BIZ 2400	2499-829-105	✓	✓
Logitech H530	A-00008	✓	✓
Logitech USB 250	A-0356A	✓	✓
Plantronics DSP 400	76921-11	✓	✓
Keyboards			
Oracle Sun Keyboards - Type 6, 7	3701A-*xxx*, X3701A-*xxx*	✓	✓
Oracle Keyboard (Oracle Peripheral Kit) ***Note: Must be AT LEAST the minimum versions: SRS 5.4 and SROS 11.1.1. This was the minimum configuration of SRS with SROS tested.***	SK-9025 (Peripheral Kit PN: 7105xxx)	✓	✓
Mice			
Oracle Sun Optical Scroll Mouse	Type 6	✓	✓
Oracle Sun Optical Scroll Mouse	Type 7	✓	✓
Oracle Mouse (Oracle Peripheral Kit)	SM-9020 (Peripheral Kit PN: 7105xxx)	✓	✓
Microsoft Wireless Mobile Mouse 1000	1454	✓	✓
Microsoft Wireless Mobile Mouse 2000	1416	✓	✓
Microsoft Wireless Mobile Mouse 3000	1359	✓	✓
Microsoft Wireless Mobile Mouse 3500	1427	✓	✓
Microsoft Wireless Mobile Mouse 4000	1383	✓	✓
Microsoft Wireless Mobile Mouse 5000	1387	✓	✓

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Oracle Virtual Desktop Client Peripherals

USB redirection is available with Oracle Virtual Desktop Client as of version 3.2 on the Windows, Linux and Mac OS X client platforms. USB redirection is available for:

- Sun Ray Software - Windows session hosted desktops. Oracle Virtual Desktop Client does not allow access to USB devices for Solaris or Linux session desktops running on a Sun Ray server.
- Oracle Virtual Desktop Infrastructure - virtual hosted desktops

Oracle has tested certain USB devices under specific configurations. Oracle does not certify and does not make any representations regarding the safety, stability, and performance of using any USB device with Sun Ray Software or Oracle Virtual Desktop Infrastructure. While many USB devices can be redirected to your virtual desktop with Sun Ray Software and Oracle Virtual Desktop Infrastructure, users are responsible for selecting and testing a USB device that works and that is compatible with their network and firewall configuration, software, systems, and desktop clients, prior to deployment. While it is not guaranteed that USB redirection with the Oracle Virtual Desktop Client works with all USB devices, it is highly recommended that user testing be performed with your system configuration prior to making purchasing decisions. A USB device attached to a Sun Ray Client that can be redirected does not necessarily imply that redirection would also work for USB devices attached to the device and platform on which the Oracle Virtual Desktop Client is installed, and vice versa.

Isochronous USB devices such as web cameras cannot be redirected, though you can access certain locally attached devices such as headsets, speakers, and microphones from your virtual desktop by configuring them as audio playback and/or audio recording devices in the Oracle Virtual Desktop Client settings. For more information on specific headsets and other devices Oracle has tested and that may work under a specific configuration, refer to the section 'Peripherals - Windows Desktops'.

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