

Sun Ray™ 2

Virtual Display Client



The Sun Ray™ virtual display client provides customers with an interoperable desktop computing solution that reduces the maintenance, upgrading, and operational costs associated with most desktop environments. The Sun Ray 2 virtual display client is particularly well suited for cost-sensitive environments such as call centers, education, healthcare, service providers, and finance.

Highlights

Affordable

- Manage thousands of desktops with just a few system administrators
- Virtually eliminate costs of client virus attacks

Secure

- Centralize data & applications where they can be:
 - Easily backed up
 - Made redundant
 - Secured against theft & attacks
- Protect intellectual property by eliminating insecure PC storage or removable media

Mobile

- Pick up right where you left off as you Hot Desk from office to conference room to home

Flexible

- Display a Windows, Linux or Solaris OS desktop
- Leverage your investment in existing back-end infrastructure
- Upgrade applications on thousands of desktops in hours or days, not weeks or months

Sun Ray Overview

Zero-administration Sun Ray virtual display clients enable access to applications on virtually any platform – the Solaris[™] Operating System, Java [™] technology, Linux, UNIX® Microsoft Windows, AS/400, and mainframes. Sun Ray clients differ from complex PCs and thin clients with embedded operating systems because Sun Ray clients have no local operating system (such as Windows XP Embedded or Windows CE) to manage and administer.

Sun Ray architecture consists of two components: the Sun Ray display client and Sun Ray Software

The Sun Ray client is a simple, low-cost, low-power device that requires no desktop administration. Unlike complex Microsoft Windows or Embedded Linux-based thin clients and PCs, Sun Ray clients do not need to be upgraded when new applications are introduced or more computing power is required. Users can access their sessions from any Sun Ray display device on the Local Area Network (LAN) or Wide Area Network (WAN). With a smart card, a user simply inserts it into any available Sun Ray client and instantaneously accesses an existing session.

Sun Ray Software provides user authentication and encryption between server and client, as well as user session management. It not only

enhances security, but also helps reduce the complexity and administration of the IT environment. Sun Ray Software provides automatic load balancing, optimizing performance by distributing sessions across the servers in the group. Load balancing takes into account each server's load and capacity (number and speed of its CPUs), so that larger or less heavily loaded servers bear more of the load. Sun Ray Software enables the Sun Ray clients to connect to either a local area network (LAN) or a wide area network (WAN).

Sun Ray 2

The Sun Ray 2 virtual display client is half the size and it consumes half the power of its predecessor. This small footprint device is packed with all of the traditional Sun Ray features and offered at a low price point. The typical power consumption of a Sun Ray 2 client is an unbelievable 4 watts. This is only 25% the power consumption of most traditional thin clients and a mere 5% of the power consumption of a PC.

The Sun Ray 2 virtual display client supports resolutions up to 1600x1200 max at 24-bit color. This client ships without a monitor and is compatible with Sun's monitors as well as standard Video Graphics Array (VGA) or Digital Video Interface (DVI) 3rd part monitors, enabling organizations to leverage IT investments.

System Specifications

Sun Ray 2 virtual display client

Hardware

- Graphics: 24-bit graphics; up to 1600x1200 resolution @ 60 Hz
- Peripheral interface: Two 1.1 USB ports, powered, One serial port
- Networking: 10/100Base-T
- Input devices: Universal Serial Bus (USB) keyboard; USB mouse; smart card reader
- Audio: CD-quality audio in/out; microphone; headphone jacks; stereo line level in
- CPU AMD Alchemy
- Monitor: Industry-standard Digital Video Interface (DVI-I) connector supports 3rd party & Sun™ monitors, included HD15 adapter; standard VGA compatible monitors
- Smart card: ISO-7816-1 (smart card reader)
- Adjustments: N/A

Dimensions

- Unit without the stand
 - ➔ Width: 28 mm (1.09 in.)
 - ➔ Depth: 122 mm (4.80 in.)
 - ➔ Height: 205 mm (8.07 in.)
 - ➔ Weight: 0.37 kg (0.82 lb.)
- Stand Dimensions
 - ➔ Width: 95 mm (3.76 in.)
 - ➔ Depth: 215 mm (8.46 in.)
 - ➔ Height: 13 mm (0.51 in.)
 - ➔ Weight: .63 kg (1.39 lb.)

Warranty

- 3 year limited warranty



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Regulations (Meets or exceeds the following requirements)

- Safety: UL 60950/CSA C22.2-60950
- Ergonomics: GS Mark
- EMC: CISPR22; CISPR24; EN55022 Class B; FCC CFR Title 47, Part 15, Subpart B, Class B; EN55024:1998; IEC6100-3-2; IEC6100-3-3
Power Mgmt: EPA Energy Star Compliant
- RoHS-6 Compliant

Environment

- Operating: 0°C to 35° (32°F to 95°F), 10% to 93% RH, 3km (10K ft.)
- Nonoperating: -20°C to 60°C (-4°F to 140°F), 10% to 93% RH, 12km (39K ft.)

Power

- Power consumption: 100-240 VAC autoranging power supply, 50-60 Hz, 0.5A
- System power consumption: 30W AC maximum, 3.84W typical @12VDC

Acoustic

- <3.5B, <28dBA (operator), ISO 9296

Learn More

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