



SUN RAY™ THIN CLIENTS

Easy-to-Install, Zero Desktop Maintenance

Sun Ray™ specialized hardware platforms provide seamless access to a wide variety of applications, including the Solaris Operating Environment, Windows NT, and Java™ technology-based packages. Because the Sun Ray client accesses applications that run on the server, it never needs upgrading at the desktop. All administration and maintenance occur at the server for very low total cost of ownership. And Sun Ray clients support smart card technology, giving users access to their customized desktops and enabling them to suspend and restart work in progress on any Sun Ray client on the network—allowing administrators to keep the network more secure.

HIGHLIGHTS

Delivers server-class performance to the desktop

All maintenance and administration performed at the server—absolutely no desktop administration required

Provides access to applications running on multiple platforms

Ideal front end for technical server farms

Sun Ray 1: Compatible with standard VGA monitors

Sun Ray 100: Comes with 17-inch CRT display in compact, all-in-one design

Sun Ray 150: Comes with 15-inch flat-panel display in compact, all-in-one design; built-in projector port and wall or bracket mounting for classroom instruction and presentations

Standard Interfaces

Network: 10/100-BaseT Ethernet required between client and server running Sun Ray server software

Peripheral: Four powered USB ports
RGB projector port (Sun Ray 150)

Input devices: Type 6 USB keyboard, USB mouse, smart card reader, SunMicrophone™ 2 (optional), SunCamera™ (optional; no I/O card required)

Multimedia

24-bit graphics: Sun Ray 1: Compliant with standard VGA monitors; 2-D acceleration; resolutions up to 1280 x 1024 at 75 Hz
Sun Ray 100: 17-in. diagonal shadowmask CRT display; 1280 x 1024 resolution at 75 Hz
Sun Ray 150: 15-in. TFT-LCD flat-panel display with backlight system; resolutions up to 1024 x 768 at 60 Hz

Audio: CD-quality audio I/O, microphone, and headphone jacks

Video input: NTSC/PAL, RCA connector

Software/System Requirements

Operating system: Sun Ray server hardware: Any Sun platform running Solaris 2.6 (5/98) or higher; Sun Ray server software: 1.3 and above; recommend one dedicated Ethernet interface for hosting Sun Ray thin client and another one to connect to local area network; Sun Ray thin client hardware: Interconnect Fabric requires standard Ethernet cables/switches; Sun Ray 1 requires a monitor, keyboard, and mouse; Sun Ray 100/150 requires only a keyboard and mouse.

Powering Environment

AC power: 100-240 V AC, 50-60 Hz

Typical power consumption: Sun Ray 1: Less than 20 W; Sun Ray 100: 95 W; Sun Ray 150: 30 W

Key Applications

Sun Ray thin clients enable access to a large number of applications running on the Solaris Operating Environment, Java technology, Microsoft Windows (through interoperability solutions), other UNIX platforms, and 3270/5250 environments. Through Sun Forum 3.2, Sun Ray enables audio/video conferencing, VoIP telephony, electronic whiteboarding, and application sharing. Some applications include:

- Call centers
- Education (library, classroom)
- Kiosks
- Technical (EDA, software development)
- Terminal replacement
- Financial (front end, back office)