



# Simple Security with Flexibility

## Wyse Microsoft Windows CE

Wyse-enhanced Microsoft Windows CE 5.0 gives administrators increased flexibility and performance, with the administrative simplicity that Windows CE is known for. Allowing IT managers to take advantage of enhanced local security plus the many supported peripherals and add-ons available.

Wyse-enhanced Microsoft Windows CE 5.0 is ideal for departments and organizations that need support for Citrix ICA, Microsoft RDP, and Sun SGD, as well as a local browser and terminal emulation, plus standard connections to peripherals and add-ons. It gives you a PC-like experience on the desktop, with local terminal emulation so you can run most legacy applications.

By combining this small and fast operating system with firmware components, Wyse is able to reduce boot times and increase protection against viruses, trojan horses, and other malware. The result is a simply more secure solution that provides the flexibility to add standard peripherals, from printers to scanners to USB thumb drives. But these peripherals can only be connected under access controlled by the IT administrator.

Wyse-enhanced Microsoft Windows CE requires a minimum of 32MB of flash memory and 64MB of RAM on any thin device. It is supported on the Wyse S30, Wyse V30 and Wyse 3150 thin clients.

**Sold and Supported by:**

### Features

### Benefits

Microsoft® Windows CE 5.0 operating system	Microsoft's most popular embedded operating system.
Supports industry-standard wireless adapters	Connect wirelessly using fast wireless adapters available from third parties. Support for industry standards allows you to connect to wireless access points in enterprise environments using the most secure wireless protocols.
Supports RDP 5.5, ICA 9.x, and SGD 4.2 protocols with over 15 resident terminal emulation options	Connectivity to almost any back-end system and flexibility to choose the optimal protocol.
Support for latest Citrix ICA client (version 9.x), including digital dictation for ICA	Allows you to use the latest ICA features, including shared application folders and seamless windows.
Industry-standard USB wireless adapter support with strong wireless authentication	Connects to wireless LANs using fast, third-party USB wireless adapters using the most secure wireless protocols: WPA-2, Temporal Key Integrity Protocol (TKIP), Message Integrity Code (MIC), 802.11 Authentication (EAP), PEAP-GTC authentication protocols.
Includes built-in Microsoft Internet Explorer 6.0	Local IE browser provides access to web-based applications with robust browsing capabilities.
Includes Wyse firmware enhancements	The Wyse-enhanced operating system offers security features, modular software add-ons, optional windowing, fast boot, and more.
Diskless, fanless, convection cooled	Quiet, no moving parts, durable, low operating cost, low service, very long (150,000 hours) Mean Time Between Failures (MTBF).
10/100Base-T Fast Ethernet	Fast LAN/WAN connectivity.

## About Wyse Thin Computing

Because Wyse thin clients have no moving parts, they deliver greater reliability, availability, and lower cost of ownership than other solutions. With no local storage, malware is dealt with at the server level, where it's easier to detect. There is also no way to remove information, so sensitive data stays on the server and remains compliant with privacy regulations.

Today our software makes it easy to manage, update, and even service any thin client from one central location. Additionally with solid-state technology, Wyse thin clients are nine times more reliable than PCs because there are no moving parts. And even when a device does fail, the data remains instantly available on the server.

## Wyse S30



The Wyse S30 is the smallest, most advanced Windows CE-based thin client on the market. The functional and compact chassis has USB 2.0 plus serial ports, and fits unobtrusively on or under a desk, or can be easily mounted on a wall.

## Wyse V30



The Wyse V30 includes a powerful CPU; optional smart card slot; CardBus/PCMCIA slot; plus serial, parallel, and USB ports. The Wyse V30 offers a broad range of mounting options via its innovative monorail mounting system that allows the unit to be conveniently attached to a wall, desk, or in any space-constrained environment.

## Hardware

Processor	AMD Geode GX	Via C3
Memory	32MB flash/64MB RAM	32MB flash/128MB RAM
I/O Peripheral Support	<ul style="list-style-type: none"> <li>▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys)</li> <li>▪ PS/2 mouse included</li> <li>▪ VGA-type video output (DB-15)</li> <li>▪ One serial port</li> <li>▪ Four USB 2.0 ports (2 on front, 2 on back)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys)</li> <li>▪ PS/2 mouse included</li> <li>▪ VGA-type video output (DB-15)</li> <li>▪ Two serial ports</li> <li>▪ One parallel port</li> <li>▪ Three USB 2.0 ports</li> <li>▪ CardBus/PCMCIA card slot</li> <li>▪ Two PS/2 ports</li> <li>▪ Optional internal smart-card reader (factory built-in option)</li> </ul>
Networking	<ul style="list-style-type: none"> <li>▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45)</li> <li>▪ Optional USB Wi-Fi adapter</li> </ul>	<ul style="list-style-type: none"> <li>▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45)</li> <li>▪ Optional USB Wi-Fi adapter</li> <li>▪ Optional CardBus wireless adapter</li> </ul>
Display Support	<ul style="list-style-type: none"> <li>▪ VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate</li> <li>▪ 16-bit/64K colors: 1280x1024@100Hz, 1600x1200@90Hz</li> <li>▪ 24-bit/16.7M colors: 1280x1024@85Hz</li> </ul>	<ul style="list-style-type: none"> <li>▪ VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate</li> <li>▪ 16-bit/64K colors: 1280x1024@100Hz, 1600x1200@85Hz</li> <li>▪ 24-bit/16.7M colors: 1280x1024@100Hz</li> </ul>
Audio	<ul style="list-style-type: none"> <li>▪ Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate</li> <li>▪ Input: 1/8-inch, 8-bit mini microphone</li> </ul>	<ul style="list-style-type: none"> <li>▪ Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate</li> <li>▪ Input: 1/8-inch, 8-bit mini microphone</li> </ul>
Physical Characteristics: Height Width Depth Shipping Weight	1.38 inches (34mm) 6.94 inches (177mm) 4.75 inches (121mm) 6 lbs. (2.7kg)	7.9 inches (201mm) 1.8 inches (46mm) 7.1 inches (180mm) 8 lbs. (3.6kg)
Mountings	Horizontal feet Optional vertical stand Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)	Vertical foot Optional horizontal feet Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)
Power	Worldwide auto-sensing 100-240v VAC, 50/60 Hz Average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor: 5.6 Watt-hours	Worldwide auto-sensing 100-240v VAC, 50/60 Hz Average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor: 17.2 Watt-hours
Regulatory Compliance: Ergonomics Safety RF Interference	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick
Warranty	Three-year limited warranty	Three-year limited warranty

## Wyse 3150SE



The Wyse 3150SE is a classic-sized thin client with USB and I/O legacy support. The Wyse 3150SE has the Flash memory and RAM to support demanding applications. The functional chassis has USB and legacy I/O ports and fits unobtrusively on or under a desk or can be easily mounted on a wall.

AMD Geode GX

32MB flash/128MB RAM

- Enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys)
- PS/2 mouse included
- VGA-type video output (DB-15)
- Two PS/2 ports
- Two serial ports
- 16C550-compatible up to 115.2K Baud
- Four USB 2.0 ports
- One parallel port
- Built-in Kensington security slot (cable sold separately)

- 10/100 Base-T Fast Ethernet twisted pair (RJ-45)
- Optional USB Wi-Fi adapter

- VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
- 16-bit/64K colors:
  - 1280x1024@100Hz
  - 1600x1200@90Hz
- 24-bit/16.7M colors:
  - 1280x1024@85Hz

- Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate

8.12 inches (204mm)  
2.25 inches (57mm)  
6.3 inches (160mm)  
12.5 lbs. (5.5kg)

Vertical foot  
Optional VESA mounting bracket  
Built-in Kensington security slot (cable sold separately)

Worldwide auto-sensing 100-240v VAC,  
50/60 Hz

German EKI-ITB 2000, ISO 9241-3/-8  
cULus 60950, TÜV-GS, EN 60950  
FCC Class B, CE, VCCI, C-Tick

Three-year limited warranty

## Wyse Windows CE 5.0

### Firmware Features

- Microsoft Windows CE 5.0
- Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X as custom, Media Player 9.0 (optional), Citrix Web Interface
- RDP 5.5 resident
- Citrix ICA 9.x resident
- Sun SGD 4.2 resident
- Terminal Services Advanced Client (TSAC)
- Ericom PowerTerm legacy terminal support
- Thinprint

### Server OS Compatibility/Support

- Citrix MetaFrame and Presentation Server
- Terminal Server Edition
- Windows 2000 Server
- Windows 2003 Server

### Set-up and Configuration

- User interface
- Boot from local flash
- Windows CE user interface languages:
  - U.S. English
  - Free optional add-ons
    - French
    - German
    - Spanish
- Keyboard language support:
  - U.S. English (standard)
  - French
  - German
  - Spanish
  - U.K. English
  - 40 other languages included

### Protocol Support

- TCP/IP
- DNS
- DHCP
- PXE
- PPP
- PC/SC and ISO-7816 smart-card support

### Management

- Remote management, configuration, and upgrades through Wyse Device Manager
- Send messages
- Complete image upgrade
- Wake terminal remotely (Wake-on LAN)
- Terminal configuration (IP information, etc)
- Remote screen shadowing of entire desktop (Wyse Remote Shadow)
- Reporting
- Altiris Deployment via add-on

### Wireless support

- WPA/802.11a/b/g (with wireless adapter)
- WPA-2, WEP, WPA wireless authentication
- PEAP-GTC wireless authentication protocol with optional Juniper Odyssey Client
- IEEE 802.1X
- Supports USB and PC-Card wireless adapters from:
  - Cisco
  - D-Link
  - Netgear
  - US Robotics
  - Trendware

Software

## WYSE THIN COMPUTING DEVICE FAMILY

Four operating system choices to best meet your needs.

### WYSE THIN OS SIMPLE THIN DEVICES

When you need optimized performance for server-based applications in Citrix ICA (MetaFrame and Presentation Server) and Microsoft RDP (Terminal Services) environments, you want the ultra-fast, Wyse Thin OS (formerly Blazer). These simple and highly optimized thin clients are carefully tailored to running ICA/RDP in thin computing environments with out-of-the-box, install-and-run simplicity.

### WINDOWS CE POWERFUL THIN DEVICES

For those organizations who need to run a local browser and terminal emulation in addition to Citrix ICA, Microsoft RDP, and Sun SGD, we suggest the powerful, Wyse-enhanced Microsoft® Windows® CE operating system. The combination of operating system and firmware provides fast boot-up, increased virus immunity, local terminal emulation, and the ability to easily and rapidly switch between a PC-like desktop and connection manager dashboard. Additional benefits include peripheral and printer support, local web browsing, and local media player.

### WYSE LINUX ADAPTABLE THIN DEVICES

For groups running Citrix ICA, Microsoft RDP, or Sun SGD, who also need a local browser, terminal emulation, and local open-source applications, our Linux 2.6-based Wyse V6 Linux is the ideal choice. These adaptable thin clients can be expanded with add-ons, have inherent virus immunity, local terminal emulation, and a simple connection manager dashboard. Additional benefits include peripheral and printer support, local web browsing, and local media player.

### WINDOWS XPe FLEXIBLE THIN DEVICES

When you need a full version of Internet Explorer as a local browser, require specialty peripherals, or need the latest 32-bit Windows compatibility, Microsoft XPe is your best choice. These flexible, customizable, and robust thin clients can fit the most demanding business computing requirements. The units include local terminal emulation, browsing, and Windows Media Player. Additional benefits include peripheral and printer support and the ability to customize the unit to offer local load-and-go execution of Windows application software.

### CONNECTIVITY, MOUNTING, AND PLACEMENT

All thin clients include a 10/100 BaseT Ethernet port, high-speed USB 2.0 ports, and a VGA monitor port. All Wyse thin clients also include an enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys), Wi-Fi wireless LAN support varies by unit, contact Wyse or your Wyse sales representative for information on adapter support for specific models.

The S and V class thin clients feature Wyse's innovative monorail attachment system that accommodates essentially any placement and mounting need. Feet are attached to the monorail enabling the units for vertical or horizontal placement on a workspace, and optional mounting brackets are available for out-of-the-way mounting such as on a wall, under a desk, on the back of a monitor. All other units have integrated feet, and mounting brackets are available where applicable.

### WYSE INFRASTRUCTURE SOFTWARE

**Wyse Device Manager** software (formerly Rapport) maximizes the security, manageability, affordability, and reliability of your network by centrally controlling a world of intelligent devices—local and remote, wired and mobile, desktop and handheld. It simplifies IT management, reduces TCO, and improves ROI.

**Wyse Streaming Manager** software delivers your operating system and applications on demand. Wyse Streaming Manager software gives IT the ability to make stateless thin computers function just like personal computers, but with the much simpler administration and management of thin clients.



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