



# Wyse Microsoft Windows XPe

## Maximum Flexibility and Power for Thin Computing

Wyse-enhanced Microsoft Windows XPe gives users the applications and performance they want, while delivering the flexibility and administrative simplicity that IT administrators need. So you can take advantage of enhanced security thin computing offers, along with peripheral and add-on support that Windows XP is famous for.

Running Microsoft Windows XPe on Wyse thin computing devices gives IT departments the ability to deploy fully functional desktop computers with better manageability and significantly lower total cost of ownership than personal computers.

Wyse Windows XPe-based thin computers can run 32-bit Windows applications, either locally or from servers located on the network. Additionally, when you deploy Microsoft Windows XPe on thin computers, you get the most flexibility to add and support peripherals and other add-ons.

By combining this robust operating system with firmware components, Wyse is able to reduce boot times and increase protection against viruses, trojan horses, and other malware. Giving you a more secure solution with the flexibility to add standard peripherals. Peripherals can only be connected with permission from the IT administrator.

Windows XPe requires a minimum of 256MB of flash memory and 256MB of RAM on any thin device. It is supported on the Wyse S90, Wyse V90 Dual-Video, Wyse V90, and Wyse 941GXL thin computers.

Sold and Supported by:

### Features

Microsoft Windows XP Embedded, Service Pack 2

Runs familiar Windows XP graphical user interface with Wyse firmware enhancements

Local Windows XP interface, also displays desktops and applications via multiuser Windows NT and 2000 servers

Enables embedding of customer-selected local 32-bit Windows applications

Supports RDP 5.x, ICA 9.x, and SGD 4.x protocols with 15 resident terminal emulation options

Support for latest Citrix ICA client (version 9.x), including digital dictation for ICA

Includes built-in Microsoft Internet Explorer 6.0

Microsoft Media Player

### Benefits

Rich Windows desktop environment to run desktop application software with vast peripheral and device driver support, plus the ability to embed local applications.

Wyse enhancements include security features, optional windowing, fast boot, and more.

Delivers high availability of key applications because they can run either on the server or locally.

Delivers the flexibility, performance, and power of the Windows operating system.

Connectivity to almost any back-end system and flexibility to choose the optimal protocol.

Allows you to use the latest ICA features, including USB PDA Sync, Windows Key Passthrough, and NTLM Proxy Authentication. Also supports digital dictation in ICA sessions, so that users can record meeting notes via microphone.

Local IE browser provides access to web-based applications with robust browsing capabilities.

Plays industry-standard multimedia formats.

## About Wyse Thin Computers

Because Wyse thin computers 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 computer from one central location. Additionally with solid-state technology, Wyse thin computers are nine times more reliable than PCs because there are no moving parts. And even if a device does fail, the data remains instantly available on the server.

## Wyse S90



The Wyse S90 is the smallest, most advanced Windows XPe-based thin computer on the market. The compact chassis has USB 2.0 plus serial ports, and fits on or under a desk, or can be easily mounted on a monitor or wall.

## Wyse 941GXL



The flexible Wyse 941GXL Windows XPe thin computer features a powerful CPU, local application support, rich embedded browser, legacy ports, optional expandable storage, and lightning-fast performance for local applications.

## Hardware

Processor	AMD Geode GX	Via C3
Memory	512MB Flash/256MB DDR RAM Other configurations (up to 1GB/1GB) available	512MB Flash/256MB DDR RAM Other configurations (up to 2GB/1GB) available
I/O Peripheral Support	<ul style="list-style-type: none"> <li>▪ VGA-type video output (DB-15)</li> <li>▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys</li> <li>▪ PS/2 mouse included</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>▪ VGA-type video output (DB-15)</li> <li>▪ Enhanced PS/2 keyboard with Windows keys</li> <li>▪ PS/2 mouse included</li> <li>▪ Two PS/2 ports</li> <li>▪ Serial port up to 115.2K Baud, DB-9</li> <li>▪ Four USB 2.0 ports (2 on front, 2 on back)</li> <li>▪ Bi-directionally Centronics-compatible parallel port, DB-25</li> <li>▪ PCI slot for adding local storage (CD-ROM, 20GB HD, floppy, PCI-PCMCIA adapter)</li> </ul>
Networking	<ul style="list-style-type: none"> <li>▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45)</li> <li>▪ Optional external 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 external USB Wi-Fi 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: up to 1280x1024@100Hz up to 1600x1200@90Hz</li> <li>▪ 24-bit/16.7M colors: up to 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: up to 1280x1024@85Hz up to 1600x1200@60Hz</li> <li>▪ 24-bit/16.7M colors: up to 1024x768@85Hz</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> </ul>
Physical Characteristics:		
Height	1.38 inches (34mm)	2.7 inches (68mm)
Width	6.94 inches (177mm)	11.9 inches (300mm)
Depth	4.75 inches (121mm)	11.4 inches (290mm)
Shipping Weight	6 lbs. (2.7kg)	12.8 lbs. (5.8kg)
Mountings	Horizontal feet (optional vertical stand) Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)	Optional mounting bracket and desktop stand
Power	Worldwide auto-sensing 100-240v VAC, 50/60 Hz 5.6 Watts/hour average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor	Worldwide auto-sensing 100-240v VAC, 50/60 Hz
Regulatory Compliance:		
Ergonomics	German EKI-ITB 2000, ISO 9241-3/-8	German EKI-ITB 2000, ISO 9241-3/-8
Safety	cULus 60950, TÜV-GS, EN 60950	cULus 60950, TÜV-GS, EN 60950
RF Interference	FCC Class B, CE, VCCI, C-Tick	FCC Class B, CE, VCCI, C-Tick
Environmental	WEEE	WEEE
Wireless		
Warranty	Three-year limited warranty	Three-year limited warranty

## Wyse V90 Dual-Video



The mid-range Wyse V90 Dual-Video thin computer delivers the Windows XPe performance you need; dual-video support (with purchase of optional monitor splitter cable); a CardBus/PCMCIA slot; plus serial, parallel, and USB ports. Using the same form-factor as the Wyse V90, the Wyse V90 Dual-Video can fit easily into most work environments.

Via C7 Eden

512MB Flash/256MB DDR2 RAM  
Other configurations (up to 2GB/1GB) available

- One DVI-I Port
- One DVI-I Port to VGA (DB-15) Adapter
- Dual-video Support with:
  - Optional DVI-I to DVI-D plus VGA-monitor splitter cable (sold separately)
- Enhanced USB keyboard with PS/2 mouse port and Windows keys
- PS/2 mouse included
- One serial port
- One parallel port
- Three USB 2.0 ports (1 on front, 2 on back)
- CardBus/PCMCIA card slot

- 10/100 Base-T Fast Ethernet twisted pair (RJ-45)
- Optional external USB 802.11b/g wireless adapter

- VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
- Single Monitor at 32-bit color:
  - up to 1600x1200@85Hz
  - up to 1920x1080@60Hz
- Dual Monitors used simultaneously (requires optional monitor splitter cable) at 32-bit color:
  - up to 1920x1080@60Hz

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

7.9 inches (201mm)  
1.8 inches (46mm)  
7.1 inches (180mm)  
8 lbs. (3.6kg)

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

Worldwide auto-sensing 100-240v VAC, 50/60 Hz  
17.2 Watts/hour average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor

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

Three-year limited warranty

## Wyse V90



The high-performance Wyse V90 includes a powerful CPU; optional internal WiFi solution, optional smart card slot; CardBus/PCMCIA slot; plus serial, parallel, and USB ports. The Wyse V90 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.

Via C3

512MB Flash/256MB DDR RAM  
Other configurations (up to 2GB/1GB) available

- VGA-type video output (DB-15)
- Enhanced USB keyboard with PS/2 mouse port and Windows keys
- PS/2 mouse included
- Two serial ports
- One parallel port
- Three USB 2.0 ports (1 on front, 2 on back)
- CardBus/PCMCIA card slot
- Optional internal smart-card reader
- Optional internal 802.11b/g wireless solution

- 10/100 Base-T Fast Ethernet twisted pair (RJ-45)
- Optional internal 802.11b/g wireless solution
- Optional external USB or CardBus 802.11b/g wireless adapters

- VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
- 16-bit/64K colors:
  - up to 1280x1024@100Hz
  - up to 1600x1200@85Hz
  - up to 1920x1440@60Hz
- 32-bit color:
  - up to 1280x1024@85Hz
  - up to 1600x1200@60Hz
  - up to 1920x1440@60Hz
- 24-bit/16.7M colors:
  - up to 1280x1024@100Hz

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

7.9 inches (201mm)  
1.8 inches (46mm)  
7.1 inches (180mm)  
8 lbs. (3.6kg)

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

Worldwide auto-sensing 100-240v VAC, 50/60 Hz  
17.2 Watts/hour average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor

German EKI-ITB 2000, ISO 9241-3/-8  
cULus 60950, TÜV-GS, EN 60950  
FCC Class B, CE, VCCI, C-Tick  
WEEE  
47CFR Part 15, Subpart C (USA); RSS-210 (Canada); EN301 489-1 & -17 (Europe); AS/NZS 4771 (Australia/New Zealand); Telec 2006 (Japan); MIC RRL (Korea); SRRC CMII (China)

Three-year limited warranty

## Wyse Windows XPe SP2

Software

### Firmware Features

- Microsoft Windows XPe
- Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X Sun JRE, Media Player, Citrix Web Interface
- RDP 5.2 resident
- Citrix ICA 8.0 resident
- Sun SGD 4.2 resident
- Terminal Services Advanced Client (TSAC)
- Ericom PowerTerm Host Access provides 30-plus terminal emulations

### Server OS Compatibility/Support

- Citrix Metaframe and Presentation Server
- Windows NT Server 4.0 Server, Terminal Server Edition
- Windows 2000 Server
- Windows 2003 Server

### Set-up and Configuration

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

### Protocol Support

- TCP/IP, DNS, DHCP, PXE

### 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, name, etc)
- Remote screen shadowing of entire desktop (Wyse Remote Shadow)
- Reporting
- Asset management
- SMS
- Altiris

### Wireless support

- WPA/802.11a/b/g (with wireless adapter)
- IEEE 802.1X
- WPA-2, WEP, WPA wireless authentication
- Internal WiFi default encryptions: MD5, PAP, TLS
- PEAP-GTC wireless authentication protocol with optional Juniper Odyssey Client
- Supports PC-Card wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware

### Security

- CA eTrust Antivirus

### Plug-ins

- Adobe Acrobat Reader
- Adobe Flash Player
- Adobe Shockwave



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