

WX-19C

RISC-Based X Terminal

Wyse offers an array of high-performance RISC-based X terminals with a complete range of color and monochrome displays in a variety of sizes. The WX-19C delivers sharp, bright, crisp images in 256 colors (from a choice of 16.7 million) on a high quality 19-inch screen. A 72 Hz refresh rate guarantees flicker-free viewing, and full-size 1280 x 1024 pixel resolution clarifies even the finest details.

The WX-19C meets the high standards expected of Wyse; leading edge technology at a fantastic price/performance ratio! 100K XStone performance races through CPU-intensive tasks where speed is key. From the elegant industrial design to the ergonomic refresh rate, Wyse delivers an X terminal second to none at a price that can't be beat.

The Wyse X server features local clients such as Motif or OPEN LOOK window managers, as well as serial and Telnet local clients. The terminal can be connected via thinnet, twisted pair, or thicknet cables, and works equally well on TCP/IP or DECnet based Ethernet networks. An optional local client development toolkit is available.

For maximum flexibility and future expandability the WX-19C features a dual PCMCIA (PC-CARD) interface, ready to accept add-on I/O or memory devices such as a wireless LAN or a Flash memory module. The WX-19C has an 8-bit audio output, and samples a microphone input for voice annotation or recording multimedia soundtracks. Further, the base unit is fully modular for easy configuration, incidentally limiting investment in spares and inventory.

The X11R5 server includes a full set of fonts and supports the internationalization (I8N) requirements and font server features that sophisticated X users require.

The one year parts and labor warranty means any unlikely product problems are solved quickly and politely, with a minimum of fuss. Extended service and on-site warranties are also available.

To aid X terminal customers, Wyse offers a full set of support services including an "on-the-phone" installation support service, the 24 hour WYSE-FAX support information service, as well as highly trained and experienced technical support personnel.

Key Features

- 19-inch color display
- A fixed palette of 256 colors out of 16.7 million possible
- 1280 x 1024 pixel resolution
- 72 Hz refresh rate
- Flexible design includes base processor unit, color monitor, keyboard and mouse
- MIPS R3000A RISC-based architecture with control ASIC optimized for X specific applications
- Optimized server takes full advantage of the high performance RISC processor
- 100K XStone performance
- 8-bit audio interface
- Dual PCMCIA card-ready
- Attractive case design
- 2048 x 1024 pixel virtual screen



WYSE
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WX-19C

PROCESSOR

- R3000A Architecture at 40 MHz

MEMORY

- 4MB installed RAM
- Expandable to 64MB
- Uses standard 80ns 32-bit SIMMs
- Up to 64MB Flash memory

VIDEO

- 19-inch color with .31mm dot pitch
- Eight bit planes of color
- 256 colors from a fixed palette of 16.7 million possible colors
- 1280 x 1024 pixel resolution at 72 Hz refresh rate
- 2MB of VRAM
- Standard analog VGA style connector (high density DB-15)

I/O CONNECTIONS

- Choice of Thicknet (AUI) and Twisted Pair (10BaseT) or Thicknet (AUI) and Thinnet (10Base2)
- 2 serial ports (DB-9s)
- Dedicated PS/2 mouse port (MINI DIN-6)
- Wyse standard keyboard interface (RJ-9)
- Supports up to two, Type II PC-CARDS (PCMCIA)
- Audio In and Out (3.5 mm mini phone receptacles)

X SERVER

- X11 version R5
- Storable in Flash memory for faster boot, less network impact
- Backing store
- R5 font server support
- Local window managers: R5 twm lookalike or optional Motif or OPEN LOOK

- Local TELNET client
- Local Serial client
- Local LAT client
- Local Notepad client
- Local Console client
- rsh utility for localhost functions
- Remote control via Config File
- XDM and R5 XDMCP Chooser supported
- X Host Access Control via MIT Magic Cookie

NETWORKING

- TCP/IP
- DECnet (optional)
- tftp server download
- tftp or NFS font download
- Domain Name Service or IEN-116
- Built-in Hostname Table
- Gateways supported
- Proxy ARP
- RIP Routing
- SLIP via serial port and VJ compression (CSLIP), software selectable
- SNMP (MIB-II)

KEYBOARDS

- 102-key Enhanced PC
- 103-key International EPC
- 105-key ANSI (VT320)
- 101-key ASCII
- 108-key Enhanced ANSI (VT420)

POWER SUPPLY

- 40 Watts output
- AC inputs 90-260V, 50-60 Hz
- DC Output, +5V at 4A, +12V at 1A, -12V at 0.5A

ENVIRONMENTAL

- Temperature
 - Operating Range: 50° to 104°F (10° to 40°C)
 - Nonoperating Range: 14° to 140°F (-10° to 60°C)
- Humidity
 - 20% to 80% non-condensing
- Altitude
 - Operating Range: 0 to 10,000 feet (0 to 3,050 meters)
 - Nonoperating Range: 0 to 40,000 feet (0 to 12,192 meters)

REGULATORY

- Safety: UL 1950, CSA 950 TUV-GS approved to EN60950 standards, NEMKO pending
- RFI: FCC certified Class A, VDE Level B pending, Canadian DOC compliant
- Ergonomics: Complies with German Standard ZH1/618, and EN29241

CUSTOMER SERVICE

The Wyse Customer Service Center offers a wide array of services and programs. For more information, or for the Wyse Service Center nearest you, call 1-800-800-WYSE (1-800-800-9973).

INTERNATIONAL SALES OFFICES

Australia (2) 888-7455
Canada (905) 886-9973
France (1) 6982-9100
Germany (89) 46 00 99-0
Hong Kong (852) 866 2196
Italy (2) 95301817
Latin America (408) 473 1800
Taiwan (886) 2 3881305
United Kingdom (734) 342-200
United States (408) 473-1200

PHYSICAL

- Base Unit: WRB-3
 - Width: 12.99 in (330 mm)
 - Depth: 12.60 in (320 mm)
 - Height: 2.36 in (60 mm)
 - Weight: 8.25 lbs (3.75 kg)
- 19-inch Color Monitor: WM-19C
 - Width: 19.69 in (500 mm)
 - Depth: 19.69 in (500 mm)
 - Height: 19.49 in (495 mm)
 - Weight: 64 lbs (29.09 kg)

ORDERING

- WX-19C Thick/Thin 901407-01
- WX-19C Thick/Twisted 901407-02

TECHNICAL SUPPORT

- During normal business hours simply call 1-800-800-WYSE and select X Technical Support. WYSE-FAX is available at the same number 24 hours per day.

WARRANTY

- One year limited warranty



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