



eClient™

Integrated LCD Monitors/Windows-Based Terminals



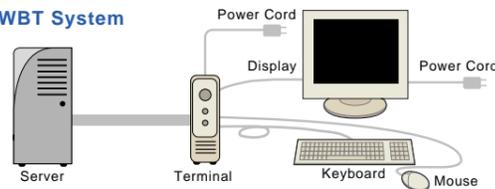
EIZO's eClient. WBT and Display Technology in One Package.

Innovative Design Lowers TCO While Redefining the Term "Thin Client"

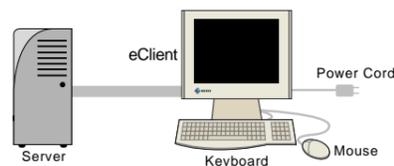
EIZO, the brand of choice of business and graphics professionals seeking the highest quality display monitors, brings its technological expertise to the burgeoning Windows-based Terminal (WBT) market with its eClient series. The eClient blends EIZO's know-how in manufacturing top-of-the-line monitors with WBT technology for an innovative, simple, and cost effective thin client alternative. The new additions to the eClient lineup are the eClient 531L, an integrated 15-inch LCD monitor-WBT unit, and the eClient 531LT-GR which also includes a touchscreen panel. These models contain the compact design, specifications, and flexibility to fulfill the thin client needs of almost any environment or application including general administration, point-of-sales, factories, kiosks, and call centers.

With nearly all administrative and managerial tasks including software installation and upgrade handled on the server, WBTs offer an economical and practical alternative to desktop PCs. EIZO takes the simplicity and cost effectiveness of standard WBTs one step further by combining the display and terminal into one compact, hassle-free unit. The result is an attractive, space efficient design with the WBT so seamlessly integrated into the monitor that the eClient appears to be a standard LCD monitor. At a depth of less than 17 cm the eClient minimizes footprint so users can maximize desktop space. IT managers will appreciate this all-in-one arrangement with its lower total cost of ownership (TCO) alternative to acquiring the WBT and display separately. Furthermore, users no longer have to sacrifice desktop or floor space to accommodate a separate thin client terminal or the external power unit common with many LCD monitors. Setup of the eClient is almost effortless; just connect the LAN cable and the single power cord and the unit is ready for operation.

Standard WBT System



eClient



Advanced Design Blends Performance and Value

The eClient's 15-inch active matrix TFT LCD is uniquely designed for environments where performance as well as a compact design is essential. Specifications include a resolution of 1024 dots × 768 lines, 0.297 mm pixel pitch, 300:1 contrast ratio, and a 200 cd/m² brightness level. Total weight with the stand included is only 5.0 kg.

The eClient produces sharp, clear pictures free from flicker, unstable brightness, and poor contrast so users can work for long hours without eye fatigue, stress, and headaches. The single unit design of the eClient assures the interface between the motherboard and LCD panel remains purely digital.

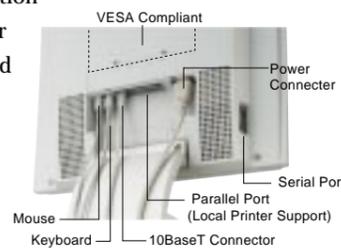
The CPU is MIPS compatible 64 bit Reduce Instruction Set Computer (RISC) with a speed of 168 MHz. It also contains 16 MB of flash memory and 32 MB of SDRAM. The eClient includes a PS/2 keyboard and two button mouse, and provides local printer support with a parallel port. The unit does not utilize a fan or other moving parts so operation is virtually silent.

Network Administrator Software for Fast Deployment, Easy Management

The optional proprietary Network Administrator software allows systems administrators to configure and maintain each client individually and from a remote location.

Serial Port for Increased Usage Options

A serial port (RS-232C) adds connection flexibility through peripheral support. By attaching a modem, remote users can access the network from any location through a dial-up or dial-in connection. With a barcode scanner, the eClient can serve as a terminal for inventory and production control. Using an IC card reader allows for user confirmation and greater network security. Connecting a credit card reader facilitates use in retail and banking industries.



Touchscreen Support with the eClient 531LT-GR

While delivering the same high level of performance as its counterpart, the eClient 531LT-GR incorporates an analog resistive type panel that accepts both finger and pen touch input and has a typical transparency rate of 79%. This is the perfect solution for factories, kiosks, point of sales, and other environments that require not only the network capability and low maintenance of WBTs, but also the option of simple data input available only with a touchscreen monitor.

Windows 2000 Ready

With support for Microsoft® Remote Desktop Protocol (RDP) 5.0, the eClient operates with not only Microsoft Windows® NT™ Terminal Server Edition 4.0 but also the Windows 2000 Server series for a more efficient server/client environment.

WBT Standard 1.5 and ICA Client 6.0 Included

Based on the new  WBT Standard 1.5, the eClient delivers faster processing and graphics performance for overall improved manageability and efficiency.

In conjunction with Citrix® MetaFrame™ 1.8, Feature Release 1, the bundled Citrix Independent Computing Architecture (ICA) Client 6.0 provides various performance enhancements such as 16-bit color to raise the eClient's maximum number of displayable colors to 65,536 and 128-bit encryption for increased security.



Free Mount Capability and Portrait Mode

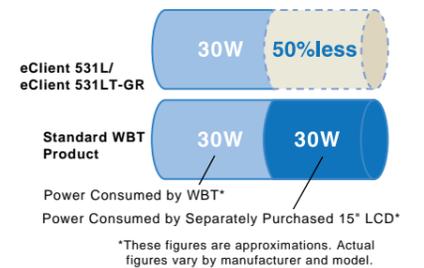
Especially useful in space constrained environments, the eClient's detachable panel provides a way to reclaim 100% of the desktop. Once mounted on an arm, the eClient supports portrait mode for full page viewing of text documents and web sites.



Low Energy Consumption

Designed for maximum energy savings, the eClient consumes only 30 watts of power during normal operation. This is about half the power used by a stand alone terminal and monitor, making it one of the most energy efficient WBT solutions on the market today and further lowering long term TCO. For additional reduction in electric and cooling costs and prevention of unnecessary use of the LCD's backlight, the eClient enters a power saving mode during periods of inactivity where power consumption drops to less than 5 watts.

Comparison of Power Consumption

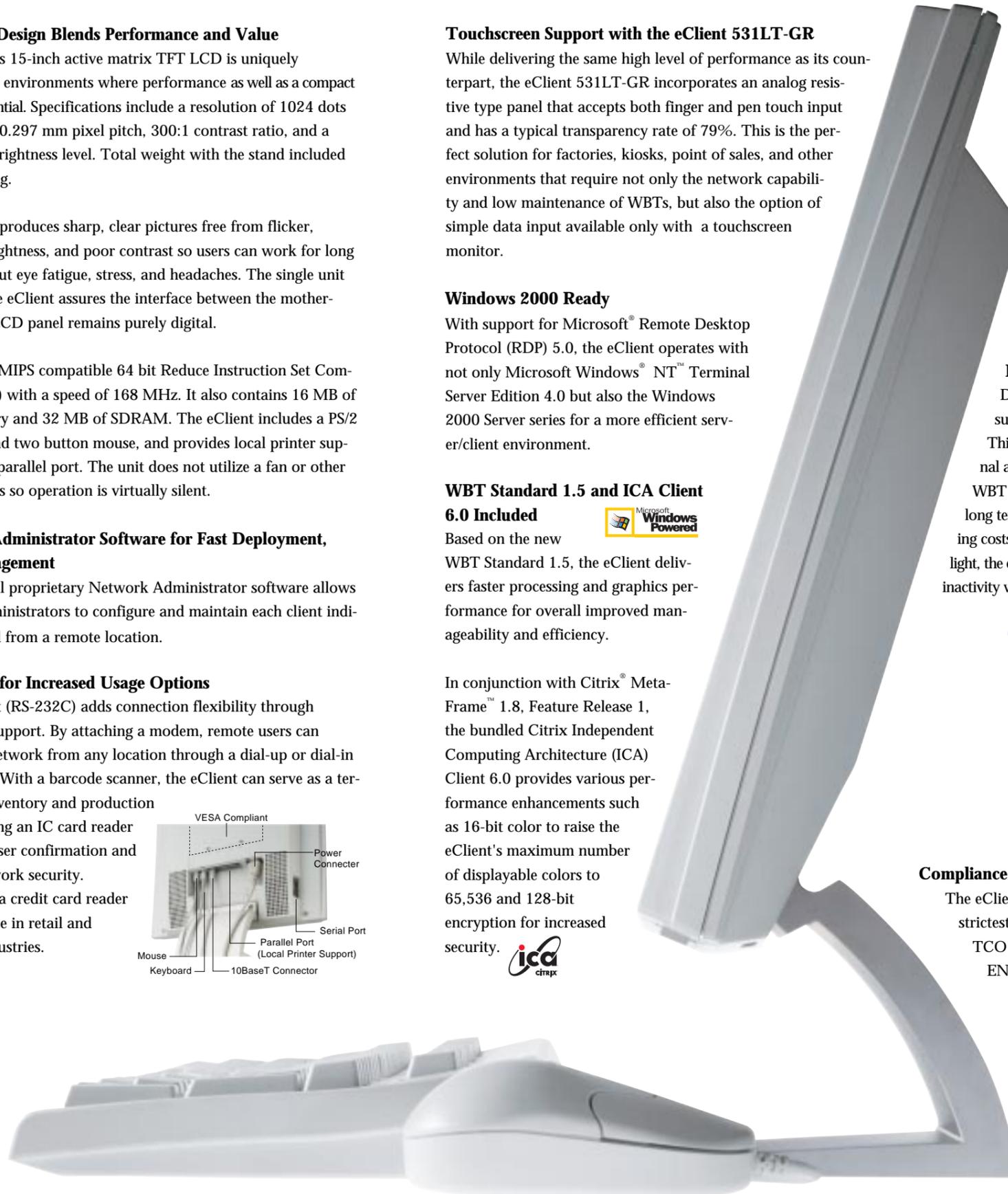


Compliance with International Standards

The eClient 531L meets the requirements of the industry's strictest ergonomic and energy standards including TCO'99, TÜV/Ergonomics, the CE Mark, and the EPA ENERGY STAR® Program.



*The eClient 531LT-GR is neither TCO'99 nor TÜV/Ergonomics compliant.





eClient™ 531L

Specifications

Panel Size and Type	38 cm (15 inch) TFT color LCD panel
Pixel Pitch	0.297 mm × 0.297 mm
Resolution	1024 × 768
Viewing Angle	Horizontal: 140°, Vertical: 120°
Brightness	200 cd/m ² (typical)
Contrast Ratio	300:1 (typical)
Active Display Size	304 mm (H) × 228 mm (V)
Viewable Image Size	380 mm (diagonal)
Power Consumption	30 watts
Power Save Mode	Less than 5 watts
Dimensions	396 mm (W) × 390 mm (H) × 164 mm (D) (with stand) 396 mm (W) × 312 mm (H) × 55 mm (D) (without stand)
Net Weight	5.0 kg (with stand) 3.6 kg (without stand)
Regulatory Standards	TCO'99, TÜV/GS, CB, CE, TÜV/Ergonomics, Energy 2000, EPA ENERGY STAR® Program, UL 1950, CSA C22.2 No.950, FCC-A, Canadian ICES-003-A, VCCI-A, TÜV/S



eClient™ 531LT-GR

Specifications

Panel Size and Type	38 cm (15 inch) TFT color LCD panel
Pixel Pitch	0.297 mm × 0.297 mm
Resolution	1024 × 768
Viewing Angle	Horizontal: 140°, Vertical: 120°
Brightness	160 cd/m ² (typical)
Contrast Ratio	300:1 (typical)
Active Display Size	304 mm (H) × 228 mm (V)
Viewable Image Size	380 mm (diagonal)
Power Consumption	30 watts
Power Save Mode	Less than 5 watts
Dimensions	396 mm (W) × 390 mm (H) × 164 mm (D) (with stand) 396 mm (W) × 312 mm (H) × 58 mm (D) (without stand)
Net Weight	5.5 kg (with stand) 4.1 kg (without stand)
Regulatory Standards	TÜV/GS, CB, CE, Energy 2000, EPA ENERGY STAR® Program, UL 1950, CSA C22.2 No.950, FCC-A, Canadian ICES-003-A, VCCI-A, TÜV/S
Touch Panel Type	Analog Resistive (accepts finger and pen touch input)
Transparency	79% (typical)
Interface	4-wire analog (CPU I/F direct connection)

Hardware

CPU	MIPS compatible 64 bit RISC/168 MHz
Ram Memory	32 MB SDRAM
Flash Memory	16 MB Flash ROM
Video Memory	2D graphics controller (2 MB VRAM built-in)

Software

Operating System	Windows CE
Display Protocols	Microsoft RDP, Citrix ICA
Bundled Software	Microsoft Windows CE Version 2.12J, Windows-Based Terminal Kit Version 1.5J, Citrix ICA Client 6.0
Compliant Server Software	Windows NT Server 4.0 Terminal Server Edition, Windows 2000 Server, Windows 2000 Advanced Server, Windows 2000 Datacenter Server, Citrix MetaFrame 1.8, Feature Release 1
Transport Protocol	TCP/IP with DNS, DHCP, and PPP

Peripheral Ports

Parallel Port	DB-25 female connector
Serial Port	D-Sub 9 pin (RS-232C)
Keyboard	PS/2
Mouse	PS/2 2-button mouse
Network	10Base-T Ethernet (RJ-45)

Network Administrator

Utility Software for the eClient

- Provides control of all eClient terminals from one host PC for reduced total cost of ownership.
- The following configurations are possible for the eClient:
 - Save configuration settings on the FTP server
 - Update configuration settings
 - Update firmware
 - Update network settings
 - Reboot eClient

System Requirements (Host PC)

CPU	Intel Pentium 133 MHz minimum
Memory	64 MB minimum
HDD	10 MB minimum of additional hard disk space
OS	Microsoft Windows 2000 Professional Microsoft Windows 2000 Server Microsoft Windows NT Workstation 4.0 (Service Pack 3 or later) Microsoft Windows NT Server 4.0 (Service Pack 3 or later) Microsoft Windows NT Server 4.0 Terminal Server Edition
Resolution	1024 × 768 or higher
Network	LAN (TCP/IP protocol)



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