



## eClient® 630L & 630LT-GR

INTEGRATED 15" LCD MONITORS/WINDOWS-BASED TERMINALS



*Quality  
on Display*

# Advanced WBT Performance with Leading-Edge LCD Technology

EIZO's eClient 630L and 630LT-GR are new generation WBTs that match industry-leading standards of flexibility and performance with today's most advanced LCD technology. As with all previous thin client products from EIZO, the interface with the server is entirely digital and the image quality is consistently clear, bright and stable. Incorporating multiple peripheral ports and built-in stereo speakers, the single-unit design features a slim, compact profile that allows mounting on the desktop, wall or adjustable arm, according to choice. A valuable management option is Network Administrator, an EIZO-developed program that allows individual client configuration and maintenance directly from the server.

For the growing number of multi-client installations in administrative, educational, retail, call center and similar work environments, EIZO's eClient 630L and 630LT-GR present a high-performance, fully-integrated solution with significant cost and space advantages over cumbersome alternatives which require the WBT and the monitor to be purchased separately.

## THE IMAGE OF CLARITY

EIZO's reputation as a high end maker of LCD monitors is perfectly exemplified by the eClient. The figures tell a tale unmatched by other WBTs: resolution of 1024 × 768, brightness level of 300 cd/m<sup>2</sup> and contrast ratio of 450:1, producing brilliantly sharp, clear, flicker-free images and helping to minimize eyestrain. The fast response time of 25 ms prevents ghosting when moving windows across the screen, while viewing angles of 160° horizontal and 150° vertical keep the image clear even when seen obliquely.

Backlight brightness levels can be adjusted by the user.



## THE SPACE ADVANTAGE

Even though the display and WBT are combined in a single unit, the eClient remains remarkably slim and compact — only 395 mm wide and 164 mm deep — and thus occupies a minimum of desktop space. Alternatively, the panel can be mounted on the wall or an adjustable arm, leaving only the keyboard and mouse on the desk. This valuable space-saving efficiency is matched by quick, easy



installation: apart from the cord from the built-in power supply unit, connection to the server is via a single Ethernet cable. With no fan or other moving parts, operation is virtually silent.

## TOUCHSCREEN ALTERNATIVE

The eClient 630LT-GR incorporates a touchscreen for fast, easy data input by finger or pen. This practical alternative is ideal for retail environments, kiosks and factories.

## POWER PERFORMANCE

Whatever the task, the eClient is built for fast, powerful operation. Key hardware components include a 300 MHz CPU and 100 MHz frontside bus, 32 MB of flash memory and 64 MB of RAM.

## SERVER SUPPORT

For flexible performance with a wide range of applications, the eClient provides connectivity to Microsoft® Windows® NT™ 4.0 Terminal Server Edition and Windows 2000 Terminal Services through Microsoft's Remote Desktop Protocol (RDP) 5.0. Additionally, with Citrix® MetaFrame™ 1.8 + Feature Release 1/XP, it supports Citrix Independent Computing Architecture (ICA®), delivering extra benefits such as 128-bit security encryption. Also included in the standard Windows® CE OS is a Microsoft Internet Explorer browser supporting Citrix Nfuse™, a combination which gives convenient web-based access to applications on the server.

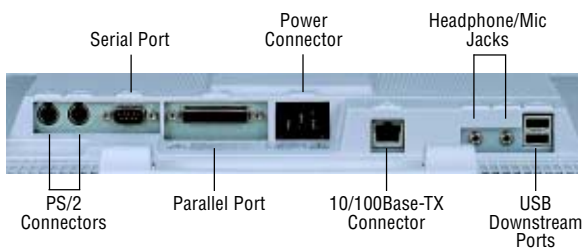


*Built-in PCMCIA Type II slot provides LAN/WAN connectivity and dial-up support.*

*The eClient's all-integrated design includes built-in stereo speakers.*

## VERSATILE CONNECTIONS

The eClient incorporates several ports to enable connection with peripheral equipment. These include dual USB downstream ports for the keyboard and mouse, a parallel port for a printer, and a 10/100Base-TX Ethernet connector for smooth, fast connections with the terminal server. The serial (RS-



232C) port accepts peripherals for a variety of working environments: a modem for accessing the network from remote locations, a barcode scanner for inventory and production control, a credit card reader for use in retail and banking, or an IC card reader for user identification and general network security. Other peripherals, such as a wireless LAN adapter or Hayes AT-compatible modem adapter, can be connected via the unit's PCMCIA Type II slot.

## NETWORK ADMINISTRATOR

On-site configuration of each individual terminal in a network costs time and money — an element of TCO (Total Cost of Ownership) that is eliminated by EIZO's optional Network Administrator (Ver.1.2). This valuable software allows quick, easy management of each eClient in a network directly from the host server. System administrators can use it to configure and update client settings, specify or change client IP addresses, and update firmware. Terminal property settings for one eClient can be saved to the FTP server and applied from there to others. Network Administrator also supports Wake-on-LAN, which turns on the power for any eClient and allows off-hours updating and maintenance of terminals, individually or in work groups.

## REGULATORY STANDARDS

The eClient 630L complies with the industry's current ergonomic and energy standards, including TCO'99, TÜV/Ergonomics, the CE Mark, and the EPA Energy Star® Program.



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### Specifications

#### LCD PANEL

Size and Type	38 cm (15 inch) TFT color LCD panel
Pixel Pitch	0.297 mm × 0.297 mm
Display Colors	256/65,536 <sup>1</sup>
Viewing Angles	Horizontal: 160°, Vertical: 150°
Resolution	1024 × 768
Brightness	630L: 300 cd/m <sup>2</sup> (typical) 630LT-GR: 240 cd/m <sup>2</sup> (typical)
Contrast Ratio	450:1 (typical)
Response Time	Rise Time: 6 ms, Fall Time: 19 ms
Active Display Size (H × V)	304 mm × 228 mm
Viewable Image Size	380 mm (diagonal)
Available colors	Gray, Black

#### AUDIO

Speakers	Two 1-watt built-in speakers with volume control
Terminals	One headphone jack, one microphone jack

#### HARDWARE

CPU	300 MHz
Ram Memory	64 MB SDRAM
Flash Memory	32 MB Flash ROM
Video Memory	2 MB Unified Memory Bus
Frontside Bus	100 MHz

#### SOFTWARE

Operating System	Windows CE 2.12
Bundled Software	Microsoft Windows CE Version 2.12, Windows-based Terminal Kit Version 1.5, Citrix ICA Client, Internet Explorer for Windows CE
Server OS Support	Microsoft Windows NT Server 4.0 Terminal Server Edition, Microsoft Windows 2000 Server/Advanced Server/Datacenter Server, Citrix MetaFrame 1.8/1.8 + Feature Release1/XP

#### NETWORKING & COMMUNICATIONS

Communications Protocols	Microsoft RDP, Citrix ICA
Transport Protocol	TCP/IP with DNS, DHCP, and PPP

#### TOUCH PANEL

Touch Panel Type:	Analog Resistive (accepts finger and pen touch input)
Optical Clarity:	79% (typical)
Interface:	4-wire analog (CPU I/F direct connection)
Initial Touch Down Speed:	14 ms
Touch Life:	1 million touches
Touch Pen:	Plastic, 6" non-marking tethered stylus

#### PERIPHERAL PORTS

Parallel Port	D-Sub 25 pin × 1
Serial Port	D-Sub 9 pin (RS-232C) × 1
Network	10/100 Base-TX Ethernet (RJ-45) Wake-on LAN supported
PCMCIA	Type-II × 1
USB	Downstream port × 2 (For keyboard and mouse)
Keyboard	PS/2
Mouse	PS/2

#### PHYSICAL SPECIFICATIONS

Dimensions (W × H × D)	With Stand: 395 mm × 390 mm × 164 mm 630L: Without Stand: 395 mm × 311.5 mm × 55 mm 630LT-GR: Without Stand: 395 mm × 311.5 mm × 59 mm
Weight	630L: With Stand: 5.2 kg, Without Stand: 4.0 kg 630LT-GR: With Stand: 5.7 kg, Without Stand: 4.5 kg
Tilt Angle	25° Up, 0° Down

#### POWER

Power Requirements	AC 100-120V/220-240V, 50/60 Hz
Power Consumption	45 watts (typical)
Power Save Mode	Less than 5 watts

#### REGULATIONS, CERTIFICATIONS AND STANDARDS

TCO<sup>99</sup>2, TÜV/Ergonomics (including ISO 13406-2)<sup>3</sup>, TÜV/GS, c-Tick, CE, CB, UL 1950, CSA C22.2 No.950, FCC-A, Canadian ICES-003-A, TÜV/S, VCCI-A, EPA ENERGY STAR<sup>®</sup>, Energy 2000

#### SUPPLIED ACCESSORIES

AC power cord, user's manual, mouse, 4 screws for mount option

<sup>1</sup> 65,536 colors with built-in Internet Explorer for Windows CE.

<sup>2</sup> 630L, gray cabinet only.

<sup>3</sup> 630L only.

### Network Administrator System Requirements (Host PC)

CPU	Intel Pentium 133 MHz minimum
Memory	64 MB minimum
HDD	10 MB minimum of additional 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 minimum
Network	LAN (TCP/IP)

Specifications are subject to change without notice.

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