IGEL Premium-Series –
Power for Clever Clienting®

IGEL Premium-Series –
Powerful new Clever Client generation

Computing-intensive applications and multimedia functionality are a perfect fit for the IGEL Premium Clever Clients delivering unparalled perfomance. The products are compatible with Linux and Windows XP and all standard server systems. An impressive variety of device interfaces and supported protocols ensures future expansion and greater flexibility.

▶ **Linux and Windows XP Embedded**

▶ **Compatible with all current server systems**

▶ **Broad portfolio of device interfaces and supporting protocols**

The Future is **Clever Clienting**®

IGEL
TECHNOLOGY

▶ ## Strong and flexible:
Premium series of IGEL Technology

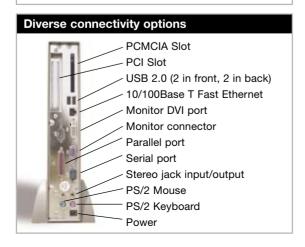**Versatile clients for versatile applications**

The challenges for corporate IT environments have increased over the past years. As an organization grows, applications, infrastructures and server landscapes become more complex. A server-based computing architecture is the best approach to dealing with these conditions and IGEL Technology's Premium series is a powerful thin client choice. They can be used as professional desktops in a Microsoft Windows terminal server environment or on Citrix MetaFrame, Linux/Unix server and main-frame/midrange platforms.

Advantages of the Premium series

▶ High-performance hardware for sophisticated server-based computing needs

▶ Can be used in heterogeneous networks as a result of the supported protocols

▶ Flexible expansion with additional hardware ensure future adaptability

▶ Access to web-based applications using integrated browser / Java

Key features

- 1 GHz VIA C3™ LP
- latest Citrix ICA and RDP clients
- expanded Citrix Program Neighborhood functionality
- ThinPrint Client for bandwidth-optimized printing
- IGEL Remote Management Suite
- SAP GUI for Java (5128 LX Enterprise)
- Integrated Smartcard reader
- four USB 2.0 Ports, two accessible from the front
- PCMCIA slot
- DVI interface

Diverse connectivity options

PCMCIA Slot
PCI Slot
USB 2.0 (2 in front, 2 in back)
10/100Base T Fast Ethernet
Monitor DVI port
Monitor connector
Parallel port
Serial port
Stereo jack input/output
PS/2 Mouse
PS/2 Keyboard
Power

The IGEL-564 LX Premium, IGEL-5128 LX Premium, IGEL-5128 LX Enterprise and IGEL-5512 XP Premium models are designed specifically for graphics-intensive applications. Exceptional performance, superior connectivity and generous memory makes these thin clients meet all challenges of multimedia.

Maximum flexibility – Linux clients

The Premium series of IGEL combines the multifaceted options of the Embedded Flash Linux operating system and flexible hardware into a functional unit. In addition to an analog monitor connection, a DVI interface is available which directly connects digitally controlled TFT monitors or flat screens. The IGEL client has an open PCI slot and a PCMCIA slot and allows for a variety of hardware components that can be integrated quickly and easily. The IGEL-564 LX Premium model is the foundation for this series. A Mozilla browser and plug-ins such as Acrobat-Reader and Flash Player are included in the firmware. The more powerful IGEL-5128 LX Premium includes a Java Runtime Environment and Mplayer offering excellent multimedia capabilities. In addition to Java support, IGEL-5128 LX Enterprise also features a SAP GUI for direct access to SAP servers.

A new generation – IGEL-5512 XP Premium

IGEL-5512 XP Premium is the flagship of the Premium series and provides Clever Clienting ® technology on the Windows XP platform. Its impressive multitude of software functionalities are saved to a generously sized Compact Flash module. Due to the excellent performance and flexible upgradeability, this high-performance Thin Client meets the most diverse demands. The extensive connection possibilities in combination with the software components available for XP Embedded offer a vast range of customer and market specific upgrading options. The IGEL-5512 XP Premium is incredibly powerful and definitely a good investment in the future.

Microsoft®
Windows®
Powered
TM

For special applications – IGEL-564 X-Term

Model IGEL-564 X-Term was designed as a high-performance replacement for the classic X terminal. X11/XDMCP is the only protocol the terminal supports and it is for use in a pure Unix/Linux server environment. A full-function X server and a number of local X fonts offer optimal conditions for interaction with a wide variety of graphic X applications.

▶ Specifications
IGEL Premium-Series

IGEL-564 LX / 5128 LX / 5128 LX Enterprise / 564 X-Term (Linux-based)

Operating System
IGEL embedded Flash Linux, based on a modular, read-only file system.

Management
Complete control via the IGEL Remote Management Suite
Fail-safe FTP firmware update
Local set-up configuration
ThinPrint Client

Set-up and Configuration
Local boot
User-friendly configuration mask
Configurable auto-login
Multilingual keyboard support

Network Protocols
TCP/IP, DNS, DHCP, LPD
PPPoE, PPTP

Communication Protocols (except X-Term)
ICA for Citrix; extended Citrix Program Neighborhood functionality
RDP Client
PowerTerm Emulation Suite with Kerberos support
XDMCP for UNIX/Linux environment

Communication Protocols (X-Term)
XDMCP for UNIX/Linux environment

Internet (except X-Term)
Mozilla Browser
Plugins for Adobe Acrobat Reader and Flash Player
Java, MPlayer (5128)
Java, SAP GUI for Java (5128 Enterprise)
VoIP Client (564, 5128)

Options

The resistant metal casing is available in black, PC-grey or bicolor silver-grey metallic.

Physical Specifications

Packed Weight
Net weight	3,5 kgs / 11 lbs
Inner box	4,6 kgs / 66 lbs

Measurements
Thin Client	290 x 53 x 230 mms
	11,42 x 2,09 x 9,06 in
Inner box	365 x 360 x 115 mms
	14,37 x 14,17 x 4,53 in

IGEL-5512 XP (Windows-based)

Operating System
MS Windows XP Embedded

Management
Complete control via the IGEL Remote Management Suite
Local set-up configuration
ThinPrint Client
Fail-safe HTTP Firmware Update

Set-up and Configuration
Local boot
User-friendly configuration mask
Configurable auto-login
Multilingual keyboard support

Network Protocols
TCP/IP, DNS, DHCP
PPTP + L2TP (VPN), PPPoE
SNMP

Communication Protocols
ICA for Citrix; Citrix Program Neighborhood functionality
RDP for Microsoft
Windows Server Operating Systems
PowerTerm Emulation Suite, incl. WebConnect-Support

Internet
Microsoft Internet Explorer, Acrobat Reader and Macromedia Shockwave

Additional software features
Media Player 9.0
PPPoE (DSL via onboard-LAN and optional with AVM PCI-Card)
WLAN incl. WPA (Ralink-Chipset supported)
Java Runtime Environment (SUN 1.4.2)
.NET support

Environmental Conditions

Fanless convection-cooling

Temperature
Operating	32°- 95° F
	0° - 35° C
Storage	-4° - 140° F
	-20° - 60° C

Relative Humidity
5% - 95%, non-condensing

Power Requirements

Full-range autosensing
100~240 VAC
50~60 Hz
Internal power supply

Hardware

CPU
VIA C3™ LP CPU 1 GHz

RAM
128 MB (564), 256 MB (5128, 5512) expandable up to 1 GB

Flash memory
64 MB (564), resp. 128 MB (5128), 512 MB (5512)

Display
VESA monitor support

Graphics resolution
24-bit, up to 1280 x 1024
16-bit, up to 1600 x 1200
DVI-Port max. resolution 1280 x 1024

Video Memory
8 MB UMA RAM

Audio
AC97 Codec
16-bit stereo FM synthesizer
Built-in loudspeaker

Networking
Wake-on-LAN
10/100 BaseT Fast Ethernet
Twisted Pair (RJ45)

Serial Interface
DB-9 RS-232C Port, baud rates up to 115.2 Kbps

Parallel Interface
DB-25 port, bi-directional

Other Interfaces
Four USB 2.0 ports and two PS/2 ports
PCI Slot and PCMCIA Connector
DVI

Security function
Integral Smartcard reader/writer (PC/SC compatible)

Regulatory Compliance

CE, FCC, CUL, UL, TÜV/GS

Clever innovative Technology

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▶ IT decision-makers rely on
IGEL Clever Clients.
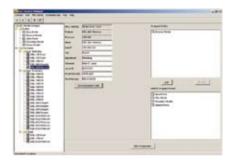
Attractive cost reduction

IGEL Clever Clients have a proven track record for many industries, for example in the medical field. Following are the comments of a manager of a large clinic:

"Before we switched to a server-based computing structure, any administrative task was a potential disruption of the surgical operations in the hospital. To eliminate the potential for organizational conflict and medical risk, we decided to install thin clients with remote administration capability. All images and videos are stored electronically, which is an important step toward digitalizing hospital operations. For this type of work, which requires powerful computing and graphics capabilities, high-performance Premium clients are used."

▶ IGEL Remote Management Suite.
Central management made easy.

A significant advantage of IGEL Clever Clients is the central management capability. The IGEL Remote Manager is a powerful tool to facilitate the management in your desktop infrastructure and to substantially reduce TCO (Total Cost of Ownership). For example, even large quantities of clients are quickly and easily configured by importing Mac address lists. The Remote Management Suite comes as a standard feature with IGEL Thin Clients and updates for both Remote Manager and Client firmware are free for the life of the unit.

IGEL. The Clever Clienting Company

IGEL Technology with its internally developed Linux- and Windows-based thin clients is one of the most innovative manufacturers in the world. According to the IDC Report, IGEL ranks among the top five thin client manufacturers worldwide.

Standard 2-year guarantee; if you register online within 90 days after the date of purchase, the guarantee will be extended to 3 years.

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