

Model I8510 Thin Client

Thin Client with Intel® Atom™ Processor

The I8510 thin client (I/Port) provides all the benefits of a standard PC with low noise and requires less space. The I8510 can connect to any ClearCube PC Blade over a standard Ethernet infrastructure that includes routers, switches, hubs and media converters. This means the distance between a PC Blade and the desktop can be unlimited and eliminates the need for bulky, power hungry, unsecure, traditional desktop PCs.

The I8510 thin client reduces operating costs, simplifies manageability, maximizes uptime, and enhances security. The Intel® Atom™ processor significantly reduces thin client power consumption. The full benefits of Windows® operating systems can be experienced from a virtualized desktop infrastructure. Alternatively, an I8510 thin client can be remotely connected to a dedicated datacenter PC blade for users who require the full power of Quad-Core Intel® processors. The I8510 is designed into a small form-factor to save space on a user's desk.

ClearCube Sentral™ thin client agent is included with every I8510 thin client. The thin client is part of a fully managed centralized desktop solution when used with Sentral server, providing user- and device-based dynamic allocation, asset management, and device health monitoring.

Highly Flexible

I8510 thin clients are flexible, simplifying deployment in the complex world of enterprise computing. I8510 thin clients leverage Microsoft® RDP and Citrix® ICA technologies to break the distance barrier, delivering a high-end PC experience via the network. The I8510 thin client is a flexible solution that can be configured with a variety of memory options and peripherals.

Each I8510 provides dynamic connectivity using ClearCube Sentral management software and ClearCube PC Blade products. This combination delivers the award-winning ClearCube centralized computing solution, enabling administrators to mix and manage PC blades and virtualized configurations from anywhere, regardless of employee location.

Simple Installation, Secure Hardware, Easy Management

I8510 thin clients use a modular design with easily swappable parts. The units easily connect all standard peripherals including monitors, keyboards, mouse devices, audio input/output devices, and other USB peripherals. The thin clients come with Integrated Microsoft RDP, Internet Explorer®, Windows Media® Player, Adobe® Reader® and ClearCube Sentral applications pre-installed.



Benefits

- Low power consumption to reduce heat and operating expenses
- Onboard Intel® 1.6 GHz Atom™ 230 processor provides low power consumption, less than 40W at full-speed operation
- Compact form factor to reduce the desktop foot print (less than 5 liters)
- Centralizes PC resources in a single, secure location to increase security of physical and data assets
- Fully managed from user port to PC blade using ClearCube Sentral management software to dramatically reduce management costs and complexity

DATA SHEET

Specifications

Dimensions:	11.8 inches H x 9.4 inches W x 2.5 inches D (30 cm x 24 cm x 6.5 cm). Thin client can operate vertically or horizontally.
Processor:	Intel® 1.6GHz Atom™ 230 (Intel 945GC and ICH)
Operating System:	Microsoft® Windows Embedded Standard (XPe) or Linux®
System Memory:	1 SO-DIMM (200 pins, 1.8V) for DDRII 533/400 MHz, up to 2GB
Distance:	Unlimited (performance varies with network latencies)
Video:	Integrated Intel® GMA950 graphics core
Connections:	Six USB 2.0 ports (two on front and four on rear) Audio in and audio out (RDP does not support audio in) One RJ-45 LAN port One VGA port 10/100/1000 Mbps RJ-45 Ethernet One DC-in jack
Bays:	One 5.25-inch external bay One 3.5-inch internal bay One 4-in-1 card reader supporting Secure Digital (SD), MultiMediaCard (MMC), Memory Stick (MS), xDPicture Card (xD)
Environment:	Operating temperature: 0° to 35° C (32° to 95° F) Storage temperature: -20° to 60° C (-4° to 140° F)

Ordering Information

Use the following part numbers to order your I8510 thin clients:

Thin Client

G0900067 Base Model I8510

Memory

G922085-2000 2 GB DDR2-533 Non-ECC SO-DIMM

Flash Memory

G925085-2000 2 GB FLASH

Embedded OS

G05300016 I8510 Windows Embedded Standard (XPe) English OS

G05300017 I8510 Linux English OS

Accessories

G0600048 Power Cord I8510 - UK

G0600049 Power Cord I8510 - NA

G0600050 Power Cord I8510 - Euro

G0400084 Rev C