Presentation 09/2021

Presentation of AXEL Thin Clients and « Ultra Thin Client » Technology

AXEL

www.axel.com

AXEL

A True Technical Approach

Axel design and manufacture innovative TCP/IP based Thin Client Terminals for Windows/Citrix, Unix/Linux and AS/400 environments.

Axel products are unique in having no embedded operating system - setting a new benchmark for cost against performance, ease of use and reliability.

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Our difference…

Most thin clients are based on PC technology, (embedded Windows or Linux) which add unnecessary complexity, cost and security vulnerabilities

Axel's Ultra Thin Client technology removes the operating system leaving all the resources of the hardware for the connection protocol (RDP/ICA)

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Ultra-Thin Client Technology

Other Thin Client:
PC-like architecture based on Windows or Linux

RDP	ICA
LIBRAIRIES	
O.S (Windows, Linux, BSD…) +TCP/IP	
BIOS	
HARDWARE	

AXEL Ultra-Thin Client:
optimized architecture

RDP	ICA
Kernel +TCP/IP	
HARDWARE	

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Ultra-Thin Client Technology

- ✓ **Dedicated hardware**
  - ➢ No bios and No Operating System
  - ➢ Instant booting
  - ➢ Low power consumption
- ✓ **Axel developed firmware**
  - ➢ Potential for bespoke developments
  - ➢ Maximizes efficiency of the hardware

Ultra-Thin Client Technology

- ✓ **Dedicated firmware**
  - Zero virus vulnerability
  - Optimized for Axel hardware platforms
  - Potential for bespoke developments

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AX3000 M80

Compact product

VESA Kit included

1 x VGA port

- *Up to 1920x1200*
- *Colors (16 million)*

4 x USB

1 x Ethernet 10/100 Mb

Consumption : 5 Watts

Dimensions : 105x135x27 mm

Weight : 350 g

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AX3000 M85

For Point of Sales & Industrial Environments

1 x VGA port

- *Up to 1920x1200*
- *Colors (16 million)*

2 x PS/2 (Keyboard, Mouse)
2 x RS232 serial ports
1 x parallel
4 x USB
1 x Ethernet 10/100 Mb

Consumption : 5 Watts
Dimensions : 216x270x31 mm
Weight : 1.35 kg

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AX3000 M90

High Performance / dual monitor

VESA Kit included

2 graphics ports (2 x 1920x1200)

- *VGA*
- *DisplayPort*

6 x USB

1 x Ethernet 1Gb

802.11 a/b/g/n (factory option)

- Encryption WEP, WPA and WPA2

- Authentication LEAP and PEAP (ms-chap V2)

Consumption : 8 Watts (typical)

Dimensions : 150x166x40 mm

Weight : 615 g

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Ax3000 M95

Industrial Environments / dual monitor

Option Wireless Kit (802.1 1 a/b/g/n)

- Encryption WEP, WPA and WPA2
- Authentication LEAP and PEAP (ms-chap V2)

2 graphics ports (2 x 1920x1200)

- *VGA*
- *DisplayPort*

4 x USB
2 x RS232 serial ports
1 x parallel
1 x Ethernet 1Gb
Internal PSU

Consumption : 10 Watts (mean)
Dimensions : 216x270x31 mm
Weight : 1,35 kg

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AXEL Administration Software

- ✓ **Management of a large number of terminals**
- ✓ **Standalone software runs on non dedicated PC**
- ✓ **Main features :**
  - Configuration: pull and push
  - Remote firmware update
  - Full remote control
  - Automatic scanning and inventory over WAN
  - Auto-configuration of new thin clients
  - No license fees

Case Study 1 : Health/Pharmacies

Smart Card

Offering « smartcard logon »

Mobility

Wifi support with “roaming” for medical trolleys

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Case Study 2 : Education

Features Tailored for your needs:

- Audio support for language labs (mic and speakers)
- Support of data acquisition devices for life sciences
- Support of overhead projectors with the display mirroring feature

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Case Study 3 : Industry

Point of Sales:

- Support of multiple and varied POS devices (serial, parallel, USB, networked)
- Support of touch screens

Adverse Environments:

- Robust Hardware
- Metal cases, internal PSU, no cooling vents (M85/M95)

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