



# Axel IP Terminal

TCP/IP AX3000 model 65E

**iSeries, zSeries  
Unix/Linux  
Windows**



## **Text and Graphical Terminal**

### **iSeries and zSeries**

- AS/400 iSeries: 5250 telnet connection
- S/390 zSeries: 3270 telnet connection

### **Unix/Linux**

- Telnet connection: ANSI, VT, WYSE60/120
- VNC graphical connection (X11 environment)

### **Windows**

- Direct access to Windows (Embedded Axel RDP Client)

### **Embedded Peripheral Server**

- Three auxiliary ports (2 serial ports and 1 parallel port)
- Protocols: LPD, PRT5250 (AS/400) and RealTruePort (Unix/Linux)

### **Zero Administration**

- No operating system
- Dedicated Electronics



E-mail: [info-us@axel.com](mailto:info-us@axel.com)  
Web: [www.axel.com](http://www.axel.com)

The Axel IP terminal is a true solid state computer terminal, with custom electronics. It allows LAN/WAN connection to all popular multi-user operating systems: Unix/Linux, AS/400, S/390, Windows...

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## The Axel IP Terminal

- Single dedicated circuit board designed by Axel. Low power custom electronics
- No embedded or downloaded O/S
- Embedded Axel RDP4 Client
- Up to 4 concurrent & independent sessions

- 3 auxiliary ports
- Remote/Centralised administration
- Robust metal case
- No moving parts, fan or cooling vents
- Three year warranty

## Multi-Environment Terminal

The terminal's concurrent graphical and text multi-session capacity permit connections to all of today's multi-user operating environments.

### • AS/400 iSeries and S/390 zSeries

The embedded 5250 and 3270 emulation allow LAN/WAN connection to IBM servers. A connection is compatible to an 5250 IBM-3477-FC terminal (color, 80/132 columns, DEVNAME, statusline...) or an 3270 IBM-3278-2-E terminal.

### • Unix/Linux

The embedded telnet client and the standard emulations allow the terminal to connect over the WAN/LAN to all Unix/Linux environments. Graphics is provided for Unix environments through an embedded VNC client. VNC is an extension to standard X11, allowing any graphical based Unix program to be run on the Unix/Linux server and remotely displayed on the IP terminal. (Netscape, StarOffice, etc).

### • Windows

RDP (Remote Desktop Protocol) is a standard thin-client technology from Microsoft and an integral part of NT4 TSE, Windows 2000 Server and Advanced Server.

The Axel RDP4 client allows multiple users to log onto a single Windows server and gives each user a standard Windows environment.

### • Others

The IP terminal can be connected to other multi-user operating systems (Real/32, THEOS, etc.). Please call for more details.



5250 iSeries Session

## Embedded Peripheral Server

Each of the 3 auxiliary ports (2 serial and 1 parallel) can be accessed by various methods depending on environment and peripheral attached:

- LPD: printers under Unix/Linux, AS/400, Windows, etc.
- Prt5250: printer session under AS/400.
- RealTruePort (tty): developed by Axel, allows a fixed tty to be associated with the terminal's auxiliary ports and screen sessions. This feature can be used to control any peripheral through a fixed Unix/Linux tty (Simulates multi i/o board over Ethernet).

## Centralised Administration

DHCP and DDNS support.

Flash memory, firmware is downloadable over LAN/WAN.

Remote Administration (set-up and network information available over LAN/WAN).



Windows RDP Session

## Technical Specifications

|                                   | AX3000 Model 65E     |
|-----------------------------------|----------------------|
| Network Connection                | RJ45 - 10BaseT       |
| Graphical sessions:               |                      |
| - Resolution                      | 800x600 and 1024x768 |
| - Numbers of colors               | 256                  |
| - VNC Protocol                    | Yes                  |
| - Axel RDP4 Protocol              | Yes                  |
| Text Sessions:                    |                      |
| - Unix/Linux: ANSI, VT, WYSE...   | Yes                  |
| - 5250 & 3270                     | Yes                  |
| Administration:                   |                      |
| - Remote Set-up                   | Yes                  |
| - Downloading firmware            | Yes                  |
| - DHCP/DNS                        | Yes                  |
| Parallel Auxiliary Port           | 1                    |
| Serial Auxiliary Ports            | 2                    |
| Keyboard / Mouse                  | PS/2                 |
| Consumption (no monitor/keyboard) | 8 Watts              |

### Model 65E :

- Power: External - 110 V (US wall outlet external power transformer is included)
- Dimensions: 270 x 270 x 28 (mm)  
10,6 x 10,6 x 1,1 (inches)

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