

# AXEL

## *AX3000 Range Thin Clients*

### Technical Information



AX3CC-2015-11-E

## Comparison Chart

	Serie 8			Serie 9
	 <b>M80</b>	 <b>M80WMS</b>	 <b>M85</b>	 <b>M90</b>
<b>Connections:</b> - Ethernet - Wireless 802.11 - Serial RS232	10/100BT - By USB	10/100BT - -	10/100BT 802.11b/g <sup>(1)</sup> √	Gigabit 802.11b/g/n <sup>(1)</sup> By USB
<b>Graphics Support:</b> - Video Port - Resolution maximum - Nbr of colors	VGA 1920x1200 16 Millions			VGA – DisplayPort++ 1920x1200 (x2) 16 Millions
<b>Graphical Sessions:</b> - Microsoft - TSE/RDS - RemoteApp - Multipoint 2011 - Citrix - XenApp & Metaframe - XenDesktop - StoreFront and NetScaler - VMware View (RDP) - Linux (VNC Client)	√ √ √ √ √ √ √ √	- - √ - - - - -	√ √ √ √ √ √ √ √	√ √ √ √ √ √ √ √
<b>Text Sessions:</b> - Unix/Linux : telnet, ssh & tty <sup>(2)</sup> - AS/400 iSeries : 5250 - S/390 zSeries : 3270	√ √ √	- - -	√ √ √	√ √ √
<b>Remapping Resources:</b> - Printers - Audio (in/out) - USB Drives - Smartcard Readers - USB Ports (RemoteFX)	√ √ √ √ √	√ √ √ - √	√ √ √ √ √	√ √ √ √ √
<b>Administration (AxRM)</b> - Remote set-up - Remote control (VNC) - Firmware Upgrade - Wake On LAN	√ √ √ -	√ √ √ -	√ √ √ -	√ √ √ √
<b>Connectors:</b> - Parallel Port - Serial Port - PS/2 (Kbd & Mouse) - USB Port (2.0) - Audio Port	By USB By USB By USB 4 By USB		1 2 2 4 By USB	By USB By USB By USB 6 2 (or by USB)
<b>Physical characteristics:</b> - Terminal format - Terminal color - Power 120/240 volts - Dimensions (mm)	Micro Black External 105x135x27		Compact Black / White Internal 216x270x31	Micro Black External 150x166x40
<b>Consumption</b>	5 Watts			10 Watts
<b>Product Reference</b>	<b>AX3-80</b>	<b>AX3-80M</b>	<b>AX3-85</b>	<b>AX3-90</b>

<sup>(1)</sup> **Hardware Option:** 802.11 (WLAN): **XG624S** or **XG624S-K**

<sup>(2)</sup> **Text Emulations:** ANSI, SCO OPENSERVR, UNIX SCO 3.2.2, UNIX SCO 3.2.4, XENIX SCO, ANSI INTERACTIVE, UNIX SVR4, ANSI RS6000, ANSI DATA GENERAL, UNIXWARE 7, LINUX, VT100/VT220, VT52, WYSE 50/60/120, ADDS VP-A2, ADDS VP-60, IBM 3151, ATO300, PRISM, REAL/32, THEOS, OS2 POLYMOD2, SM9400, SM9412, TWINSERVER, PROLOGUE 3, TV1 950, QVT119+, C332.

## AX3000 MODEL 80 (Reference: AX3-80)

Micro Format – Ideal for office use

### Overview



Designed and manufactured by AXEL, the AX3000 Thin Client allows direct TCP/IP **text and graphics** connections to all popular multi-user operating systems: Windows, Unix/Linux, AS/400, S/390, etc.

This Thin Client is designed to be mounted on rear of a flat screen:



### Main Features

#### Network Interface:

- Ethernet 10/100BT

#### Screen Session Protocols:

- RDP
- ICA/HDX
- View Client (RDP)
- VNC Client
- telnet, ssh and tty (\*)
- telnet 5250
- telnet 3270

#### Graphical specifications:

- Resolutions (according aspect ratio):
  - . 16/10: 1440x900, 1680x1050, 1920x1200
  - . 16/9: 1360x768, 1600x900, 1920x1080
  - . 4/3: 800x600, 1024x768, 1280x960, 1280x1024, 1600x1200
- Max number of colors: True Color (24/32 bpp)

#### Supported USB Devices:

- Keyboards, mice, barcode readers
- Printers
- Touch Screens
- USB-RS232 and USB-Parallel Adaptors
- Smartcard readers
- Audio devices

#### Auxiliary Port Protocols:

- LPD
- RDP/ICA Printer and COM Port Redirection
- PRT5250 (TN5250E)
- PRT3270 (TN3270E)
- tty (client & server)
- telnet (client)
- rcmd/rsh

#### Centralized Administration:

- Remote set-up
- Text Remote control
- VNC Remote control
- Downloading firmware

\* Available emulations: 3151, ADDS VP-60, ADDS VP-A2, ANSI, ANSI DATA GENERAL, ANSI INTERACTIVE, ANSI RS6000, ATO300, C332, LINUX, OS2 POLYMOD2, PRISM, PROLOGUE 3, QVT119+, REAL/32, SCO OPENSERVR, SM9400, SM9412, THEOS, TVI 950, TWINSERVER, UNIX SCO 3.2.2, UNIX SCO 3.2.4, UNIX SVR4, UNIXWARE 7, VT100/VT220, VT52, WYSE 50/60/120, XENIX SCO

### Technical Information



#### Rear Panel Connectors:

- Power connector for the AX3000,
- 1 x VGA monitor connector,
- 2 x USB 2,
- 1 x RJ45 TCP/IP 10/100BT connector.

**Weight:** 330 g

**Dimensions:** 105x135x27 mm

**Consumption (no device):** 5 watts

**Power Supply:** external

#### Front Panel Connectors:

- 2 x USB 2

## AX3000 MODEL 80WMS (Reference: AX3-80M)

Dedicated to Multipoint 2011/2012

### Overview



The Model 80WMS will only work with Windows Multipoint 2011/2012 servers (connection Ethernet TCP/IP).

This Thin Client is designed to be mounted on rear of a flat screen:



### Main Features

**Network Interface:**

- Ethernet 10/100BT

**Screen Session Protocols:**

- RDP

**Graphical specifications:**

- Resolutions (according aspect ratio):
  - . 16/10: 1440x900, 1680x1050, 1920x1200
  - . 16/9: 1360x768, 1600x900, 1920x1080
  - . 4/3: 800x600, 1024x768, 1280x960, 1280x1024, 1600x1200
- Max number of colors: True Color (24/32 bpp)

**Supported USB Devices:**

- Keyboards, mice, barcode readers
- Printers
- Audio devices

**Auxiliary Port Protocols:**

- LPD
- RDP Printer and COM Port Redirection

**Centralized Administration:**

- Remote set-up
- VNC Remote control
- Downloading firmware

### Technical Information

**Rear Panel Connectors:**

- Power connector for the AX3000,
- 1 x VGA monitor connector,
- 2 x USB 2,
- 1 x RJ45 TCP/IP 10/100BT connector.

**Weight:** 330 g

**Dimensions:** 105x135x27 mm

**Consumption (no device):** 5 watts

**Power Supply:** external

**Front Panel Connectors:**

- 2 x USB 2

## AX3000 MODEL 85 (Reference: AX3-85)

Dedicated to industrial environment and point of sales

### Overview



Designed and manufactured by AXEL, the AX3000 Thin Client allows **Ethernet TCP/IP** or **wireless** connections in both **text and graphics sessions** to all popular multi-user operating systems: Windows, Unix/Linux, AS/400, S/390, etc.

The terminal is available in black or white.

### Main Features

#### Network Interfaces:

- Ethernet 10/100BT
- Wireless 802.11b/g (optional)



#### Screen Session Protocols:

- RDP
- ICA/HDX
- View Client (RDP)
- VNC Client
- telnet, ssh and tty (\*)
- telnet 5250
- telnet 3270

#### Graphical specifications:

- Resolutions (according aspect ratio):
  - . 16/10: 1440x900, 1680x1050, 1920x1200
  - . 16/9: 1360x768, 1600x900, 1920x1080
  - . 4/3: 800x600, 1024x768, 1280x960, 1280x1024, 1600x1200
- Max number of colors: True Color (24/32 bpp)

#### Supported USB Devices:

- Keyboards, mice, barcode readers
- Printers
- Touch Screens
- USB-RS232 and USB-Parallel Adaptors
- Smartcard readers
- Audio devices

#### Auxiliary Port Protocols:

- LPD
- RDP/ICA Printer and COM Port Redirection
- Prt5250 (TN5250E)
- Prt3270 (TN3270E)
- tty (client & server )
- telnet (client)
- rcmd/rsh

#### Centralized Administration:

- Remote set-up
- Text Remote control
- VNC Remote control
- Downloading firmware

\* Available emulations: 3151, ADDS VP-60, ADDS VP-A2, ANSI, ANSI DATA GENERAL, ANSI INTERACTIVE, ANSI RS6000, ATO300, C332, LINUX, OS2 POLYMOD2, PRISM, PROLOGUE 3, QVT119+, REAL/32, SCO OPENSERVR, SM9400, SM9412, THEOS, TVI 950, TWINSERVER, UNIX SCO 3.2.2, UNIX SCO 3.2.4, UNIX SVR4, UNIXWARE 7, VT100/VT220, VT52, WYSE 50/60/120, XENIX SCO

### Technical Information



Rear panel: AX3000 Model 85

#### Rear panel connectors:

- Power connect for the AX3000,
- 1 x VGA monitor connector,
- 2 x PS/2 (keyboard / mouse),
- 2 x RJ45 Serial port connector,
- 1 x Parallel port connector,
- 1 x RJ45 Ethernet 10/100BT connector,

#### Left side:

- 4 x USB 2

**Weight:** 1,35 Kg

**Dimensions:** 216x270x31 mm

**Consumption (no device):** 5 watts

**Power:** internal - 110-240V (auto-switch)

## AX3000 MODEL 90 (Reference: AX3-90)

### Very high graphical performance & dual screen support

#### Overview



Designed and manufactured by AXEL, the AX3000 Thin Client allows **Ethernet TCP/IP** or **wireless** connections in both **text and graphics sessions** to all popular multi-user operating systems: Windows, Unix/Linux, AS/400, S/390, etc...

This model offers very high graphical performance with the dual screen support.

This Thin Client is designed to be mounted on rear of a flat screen.

#### Main Features

##### Network Interfaces:

- Ethernet Gigabit
- Wireless 802.11b/g/n (optional)

##### Screen Session Protocols:

- RDP
- ICA/HDX
- View Client (RDP)
- VNC Client
- telnet, ssh and tty (\*)
- telnet 5250
- telnet 3270

##### Graphical specifications:

- Dual Screen: VGA and DisplayPort++
- Resolution: 1920x1200 per screen
- Max nbr of colors: True Color (32 bpp)

##### Centralized Administration (AxRM):

- Remote set-up
- Remote control
- Wake On LAN
- Downloading firmware

##### Supported USB Devices:

- Keyboards, mice, barcode readers
- Printers
- Touch Screens
- USB-RS232 and USB-Parallel Adaptors
- Smartcard readers
- Audio devices
- Webcam
- Flat scanner

##### Auxiliary Port Protocols:

- LPD
- RDP/ICA Printer and COM Port Redirection
- Prt5250 (TN5250E)
- Prt3270 (TN3270E)
- tty (client & server )
- telnet (client)
- rcmd/rsh

\* Available emulations: 3151, ADDS VP-60, ADDS VP-A2, ANSI, ANSI DATA GENERAL, ANSI INTERACTIVE, ANSI RS6000, ATO300, C332, LINUX, OS2 POLYMOD2, PRISM, PROLOGUE 3, QVT119+, REAL/32, SCO OPENSERVR, SM9400, SM9412, THEOS, TVI 950, TWINSERVER, UNIX SCO 3.2.2, UNIX SCO 3.2.4, UNIX SVR4, UNIXWARE 7, VT100/VT220, VT52, WYSE 50/60/120, XENIX SCO

#### Technical Information



##### Rear panel connectors:

- 1 x Ethernet RJ45 Gigabit,
- 1 x VGA,
- 1 x DisplayPort,
- 2 x USB 2,
- Power connector.

**Weight:** 615 g

**Dimensions:** 150x166x40 mm

**Consumption:** 10 watts

**Power:** external

**Security:** Kensington

##### Front Panel Connectors:

- 4 x USB 2
- 2 x jack audio (in/out)

### VESA Mounting Kit (M80 & M80WMS)



The VESA mounting kit allows the terminal to be mounted on the rear of TFT monitors that have the 4 VESA mount screw holes available.

This device is supplied free with applicable models (M70x & M80)

### VESA Security Kit (M80 & M80WMS)



Ref. : VESALK

The security kit contains an extra plate and two security screws that prevent the terminal from being removed without the use of a special tool.



### RJ45-DB9 Adaptor (M85)



Ref. : ADRJD9

Converts terminal's RJ45 serial ports into same gender and pin-out as a PC com1 port

### RJ45-DB25 Adaptor (M85)



Ref. : ADRJD25

Converts terminal's RJ45 serial ports to same gender and pin-out as a std serial ASCII terminal

### RJ45-MiniDin Adaptor (M85)



Ref. : ADRJDIN

PS/2 to Mini-Din Keyboard Converter

Converts PS/2 port to As/400 5250 keyboard connector (clip type)