

AXEL





AX3000 Range Thin Clients

Technical Information



September 2022

Comparison Chart

	Serie 8		Serie 9	
	 M80	 M85	 M90	 M95
Connections: - Ethernet - Wireless 802.11 - Serial RS232	10/100BT - By USB	10/100BT - √	Gigabit 802.11 a/b/g/n ⁽⁰⁾ By USB	Gigabit 802.11 a/b/g/n ⁽⁰⁾ √
Graphics Support: - Video Port - Maximum resolution - Nbr of colors	VGA 1920x1200 16 Millions		DisplayPort (x2) ⁽¹⁾ 1920x1200 (x2) 16 Millions	DisplayPort / VGA 1920x1200 (x2) 16 Millions
Graphical Sessions: - Microsoft - RDS / TSE - RemoteApp - Multipoint (firmware option) - Citrix - XenApp & Metaframe - XenDesktop - StoreFront and NetScaler - VMware View (RDP) - Linux (VNC Client)	√ √ √ √ √ √ √ √ √	√ √ √ √ √ √ √ √ √	√ √ √ √ √ √ √ √ √	√ √ √ √ √ √ √ √ √
Text Sessions: - Unix/Linux : telnet, ssh & tty ⁽²⁾ - AS/400 iSeries : 5250 - S/390 zSeries : 3270	√ √ √	√ √ √	√ √ √	√ √ √
Remapping Resources: - Printers - Audio (in/out) - USB Drives - Smartcard Readers - USB Ports (RemoteFX)	√ √ √ √ √	√ √ √ √ √	√ √ √ √ √	√ √ √ √ √
Administration (AxRM) - Remote set-up - Remote control (VNC) - Firmware Upgrade - Wake On LAN	√ √ √ -	√ √ √ -	√ √ √ √	√ √ √ √
Connectors: - 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 ⁽⁵⁾ 2 4 By USB	By USB By USB By USB 6 1 in/out (or by USB)	1 2 ⁽⁵⁾ By USB 4 By USB
Physical characteristics: - Terminal format - Terminal color - Lock system - Power 120/240 volts - Dimensions (mm)	Micro Black VESA Kit ⁽³⁾ External 105x135x27	Standard Black / White - Internal ⁽⁴⁾ 216x270x31	Compact Black Kensington External 150x166x40	Standard Black / White - Internal ⁽⁴⁾ 216x270x31
Consumption	5 Watts		10 Watts	
Product Reference	AX3-80	AX3-85	AX3-90	AX3-95

⁽⁰⁾ 802.11 M90 / M95 : Hardware & Firmware option, check part numbers on the price list.

⁽¹⁾ 2 versions : **FK60**: 1 DisplayPort + 1 VGA (end of production 09/2022), **FK61**: 2 x DisplayPort (current production).

⁽²⁾ 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, THEOS, OS2 POLYMOD2, SM9400, SM9412, TWINSERVER, PROLOGUE 3, TVI 950, QVT119+, C332.

⁽³⁾ Security Kit : VESA Security kit for M80, see last page for details and part numbers.

⁽⁴⁾ Hardware option : Low voltage power supply (12-24 Volts) available as an option: **BT01**.

⁽⁵⁾ M85 / M95 RS232 : RJ45->RS232 connector. RJ45-DB9 and RJ45-DB25 adaptors are available. See last page for details and part numbers.

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.

Front Panel Connectors:

- 2 x USB 2

Weight: 330 g

Dimensions: 105x135x27 mm

Consumption (no device): 5 watts

Power Supply: external

AX3000 MODEL 85

(Reference: AX3-85)

Specially designed for industrial environments and point of sales

Overview



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

This model is available in black or white color.

Main Features

Network Interfaces:

- 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: 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 MODELE 90

(Reference: AX3-90)

Compact format, very high graphical performance & dual screen

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 802.11 a/b/g/n (optional)

Screen Session Protocols:

- RDP (RFX & H264)
- ICA/HDX
- View Client (RDP)
- VNC Client
- telnet, ssh and tty (*)
- telnet 5250
- telnet 3270

Graphical specifications:

- Dual Screen: DisplayPort++ (x2) ⁽¹⁾
- 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,
- 2 x DisplayPort++⁽¹⁾,
- 2 x USB 2,
- Power connector.

Weight: 615 g

Dim.: 150x166x40 mm

Consumption: 10 watts

Power: external

Security: Kensington

Front Panel Connectors:

- 4 x USB 2
- 1 jack audio (in/out) ⁽¹⁾

M90 rear panel with 802.11 a/b/g/n option

⁽¹⁾ M90 models produced before September 2022 (FK60) are equipped with 1 DisplayPort ++ and 1 VGA as well as 2 audio jack 3.5 mm (1 in, 1 out).

AX3000 MODEL 95

(Reference: AX3-95)

Dual screen support, specially designed for industrial environments 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.

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

This model is available in black or white color.

Main Features

Network Interfaces:

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



Screen Session Protocols:

- RDP (RFX & H264)
- 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)

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

Centralized Administration (AxRM):

- 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 95

Rear panel connectors:

- Power connect for the AX3000,
- 1 x VGA monitor connector,
- 1 x DisplayPort ++ monitor connector,
- 2 x RJ45 Serial port connector,
- 1 x Parallel port connector,
- 1 x RJ45 Ethernet 10/100/1000BT connector,
- 802.11 antenna (optional)

Left side:

- 4 x USB 2

Weight: 1,35 Kg

Dimensions: 216x270x31 mm

Consumption (no device): 5 watts

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

ACCESSORIES

VESA Mounting Kit (M80 & M90)



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 kit comes free with each product.

VESA Security Kit (M80)



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 & M95)



Ref. : ADRJD9

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

RJ45-DB25 Adaptor (M85 & M95)



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)

Adaptateur DisplayPort / DVI-D (M90 et M95)



Ref. : ADDPDVI

The M90 and M95 terminals are equipped with two video ports: VGA and DisplayPort.

This adapter allows you to connect a DVI monitor to the DisplayPort port.

Adaptateur DisplayPort / HDMI (M90 et M95)



Ref. : ADDPHDMI

The M90 and M95 terminals are equipped with two video ports: VGA and DisplayPort.

This adapter allows you to connect a HDMI monitor to the DisplayPort port.

Adaptateur USB / AUDIO (M80, M85 et M95)



Ref. : ADAU01

This USB adapter offers two audio jacks (in / out). It allows the connection of all audio devices (headset / microphone, loudspeaker, microphone, etc.) to the M80 and M85 and M95 terminals (which do not have a jack audio plug).