

J12z 'Zero' Client

Entry Level Thin Computing



Front View

Rear Panel

Key Features

- Gio6 Linux 32 bit
- TI DM8148 with 1.0 GHz ARM SoC
- HDXTM Hardware Acceleration
- Ultra light and fan-less design
- RAM: Onboard 1 GB DDR3
- Flash: Onboard 4 GB eMMC
- 4 USB ports (with USB Hub Chip)
- Built-in Gigabit Networking
- Dual HD displays support with high performance GPU integrated with 3D graphics engine
- Internal Speaker
- Built-in Kensington slot
- VESA mounting pack available as a option
- Fusion Universal Device Manager Professional included

The Xtona J12-z is a versatile, entry-level, zero client and client that is configured using a VXL configuration editor. Users can download and create configuration files that devices will automatically pick up and use from a standard HTTP or FTP server. The latest VXL configuration Editor can be downloaded by [clicking here](#)

The Xtona J12z incorporates the latest advanced features to handle the most demanding task-orientated applications including dual display, four USBs and the latest ARM processor platform, based on the Texas TI DM8148 System-on a Chip (SoC).

Environmentally-friendly, the Xtona J12-z is equipped with an external power supply and fan-less design, it works quietly and efficiently at low temperatures ensuring extremely low power consumption with virtually silent operation.

The Xtona J12-z includes a three-year warranty backed by a worldwide support network and also supports Fusion Universal Device Manager (UDM) Professional software which comes as standard.

The Xtona J12-z represents an unbeatable combination of affordability, quality, performance and service.



Technical specification

Operating System

- Gio6 Linux 32 bit

Processor

- TI DM8148 with 1.0 GHz ARM SoC

System Memory

- RAM : Onboard 1 GB DDR3
- Flash: Onboard 4 GB eMMC

Display Support

- Full HD 1080p display with hardware acceleration on the client
- Dual HD display support
- High performance GPU integrated with 3D graphics engine
- Maximum Resolution up to 1920x1200 @ 60 Hz 32 bit

Rear Panel

- 1 x DC in connector
- 2 x USB 2.0
- 1 x DVI-D Port
- 1 x DVI-I Port (VGA via dongle)
- 1 x Gigabit RJ45 Port

Front Panel

- Power Button
- 2 x USB 2.0
- 1 x Audio Mic-in jack
- 1 x Audio line-out jack

External Power Adapter

- Worldwide auto-sensing 100-240 V AC
- DC output 12V / 2A

Power Consumption

- Idle state : 8.7 Watts
- Off state : 0.23 Watts (w/o WOL)

Networking

- Auto-sensing 10/100/1000 Mbps Gigabit LAN
- Wake On LAN

Operating Environment

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 60°C
- Humidity: 20% to 80% maximum, non-condensing

Optional Accessories

- DVI-I to VGA Adapter
- External USB Wireless LAN (b/g/n)
- VESA Cradle (100x100 or 75x75 mounting holes)

Physical Characteristics

Dimension (HxDxW):

- Without stand: 145 x 133 x 29 mm
- Weight : 0.6 kg (with stand)

Regulatory Compliance

Safety and EMC:

- CE, FCC, cULus, TUV-GS, C-tick, BIS

Energy and Environment:

- WEEE, RoHS

Warranty

- Three years limited warranty

Software Support

- Citrix Receiver
- VMware Horizon Client
- RDesktop (RDP)
- XfreeRDP (RDS)
- Firefox (Extended Support Release)
- X11/XDMCP
- REXEC
- Spice
- VNC
- Text Editor
- File Manager

Server OS Compatibility/Support

- Microsoft Windows Terminal Server Edition, Windows Server 2003/2008/2012
- Citrix XenApp / Citrix Presentation Server/ Citrix XenDesktop
- Protocol Support: TCP/IP, DHCP, FTP, HTTP, HTTPS

Setup and Configuration

- Boot from local flash
- Gio6 User interface language: US English
- Keyboard Language support: English, Spanish, French and German
- Scanners & Camera support
- Smartcard support
- ELO Touch screen support
- USB input devices support
- VXL's "zero configuration" thin clients are configured using the VXL configuration Editor. User can download and create configuration files that devices will automatically pick up and use from a standard HTTP or FTP server. The latest VXL configuration Editor can be downloaded by [clicking here](#).

Remote Management Tools

- Fusion Universal Device Manager (UDM) Professional

Part Numbers

J12z - F8R6 ----- 4GB Flash / 1GB RAM

Contact Us

Americas

Woodlands Business Centre , 32315 Tamina Road, Suite A, Magnolia, TX 77354, USA
Tel: +1 877 242 7801

Europe

Carrington Business Park, Manchester Road, Manchester, M31 4DD, UK
Tel: +44 (0) 161 775 4755
France Tel. : +33 616624515
Germany Tel. : +49 (0) 8761 1093

United Arab Emirates

1610, Tiffany Tower, Cluster 'W', Jumeirah Lake Towers, Dubai, UAE
PO Box : 337111 Tel: +971 4 4508361

India

4th Floor, Kimatrai Building, 77/79, Maharshi Karve Marg, Marine Lines(E), Mumbai - 400002, India
Tel: +91 (0) 22 42203100

Asia Pacific

6167, Jalan Bukit Merah, Tower 4; #06-12 (SR-46), Singapore 150167
Tel: +65 6278 8180

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