

Chip PC Linux-based Thinx OS



Xtreme PC LXD8941

Xtreme PC LXD8941 high performance thin client is the perfect desktop appliance for users that require high-end functionality, supporting dual screen and built-in 3-D graphics & video acceleration.

Xtreme PC LXD8941 is a powerful appliance supporting heavy in-session applications and providing full function multimedia video performance. The combination of ultra-green platform with very low power consumption, state of the art high-reliability hardware design and unparalleled management software position it as the ultimate choice for enterprise users.

Highlights at a Glance





Chip PC 3D Pro Technology support

Fully Managed from Remote

Fully managed by Xcalibur Global management suite in any environment (LAN, WAN, Remote Site)

- **Deployment:** Effortless 'out of the box' deployment. Once connected to the network settings are applied seamlessly
- Configuration: 100% of the firmware settings can be set by Policies to be applied on multiple devices from remote locations using existing AD structure
- Monitoring: Sends real time information to the Xcalibur Global management suite and can be shadowed by VNC to offer real time interaction and help desk support
- Ease of use: No need to clone & redeploy multiple firmware master copies, no scripts or configuration files

Green Devices

- Excellent power/performance ratio, only 4-6W power
- Designed for >10 years life cycle

Secure

- Device logon: Active Directory user credentials can be set for device access – just like a regular PC. Session logon: PC/SC Smart Card support (external reader)
- Physical security: Kensington lock slot
- Peripheral security: Remotely restrict USB peripheral usage
- Network security: Support 802.1x for wired LAN
- Code security: Virus-immune, no patches or Antivirus required

Easy to Update

- Software add-ons: Install add-ons (ICA/RDP/ VMware View/Browser and more) independently without upgrading the entire Operating System
- Safe to update: the option to separately install add-ons is more stable and consumes less network bandwidth

Citrix Environments:



- » Full Support for Citrix® HDX
- » Support, Citrix XenApp and XenDesktop environments
- » Remotely configurable ICA Connections, Citrix® PNAgent & Web Interface settings
- » Boot into Kiosk Mode with autolaunch Citrix Connection upon device start up
- » Outstanding, PC-like in-session performance
- » Single Sign On (SSO) with Device Logon credentials Passthrough into the Citrix session.
- » ICA Client version can be updated from remote

Microsoft RDS:



Microsoft[®]

- Support Microsoft Windows Terminal Server 2003 / 2008
- » Remotely configurable RDP Connections
- » Rdesktop 1.7 optimized for Terminal Server 2008R2
- » Boot into Kiosk Mode with autolaunch RDP Connection upon device start up
- Outstanding, PC-like in-session performance
- » Single Sign On (SSO) with Device Logon credentials Passthrough into the RDP session.
- » RDP Client version can be updated from remote

VMware View:



- » Support VMware View environments
- » Remotely configurable VMware View[™] server settings
- » Connect to VMs using Rdesktop 1.7
- SSL Tunnelling support
- » Boot into Kiosk Mode with auto-launch RDP Connection upon device start up
- » Single Sign On (SSO) with Device Logon credentials Pass-through into the RDP session.
- VMware View Client version can be updated from remote



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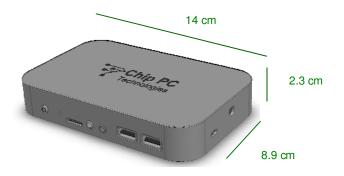
	Product Specifications Xtreme PC LXD8941
Processor	Marvell Dove, Armada 510 933MHz
Memory	• 1GB, DDR3 @ 933Mbps
Mass Storage	 2GB, High reliability eMMC NAND flash Optional externally accessed MicroSD slot
Display Support	 One DVI-I port Optional DVI-I to DVI-D plus VGA-monitor splitter cable (sold separately) Optional DVI-I Port to VGA (DB-15) adapter (sold separately) Display Data Control (DDC) for automatic setting of resolution and refresh rate
Resolutions	 Single: Up to 1920x1200 Pixels @ true color (32 bit) Dual: Up to 1920x1080 Pixels @ true color (24 bit)
Video Player	 Various video codecs, including DivX HD, H.264 (MPEG4), WMV9/VC1 Up to 1080p local browser Flash support
Audio Support	 High Definition Audio Codec Stereo Audio Output - 3 mm (1/8 inch) Audio-Out Jack; 16-bit Stereo, 96KHz sample rate Microphone Input - 3 mm (1/8 inch), 8 bit Software volume / mute control
Input / Output ports	• 6 x USB 2.0 ports (2 front, 4 back)
Operating System	Chip PC Thinx (Linux-based kernel)
Firmware	 ICA 12.5.1 with full Citrix® HDX support for Linux RDP (RDesktop 1.7) FreeRDP Client VMware Horizon View client Web Browsers: Firefox or Google Chrome Flash 10 Player VNC remote shadowing Local Media Player (Totem) X-Windows 7.2 server User Scripts plug-in PDF Viewer Customized System Screen to reflect corporate logo Terminal Emulation SIP phone plug-in for browser
Network	 RJ-45 jack 10/100/1000 Base-T Ethernet LAN with Auto-negotiate TCP/IP with DNS and DHCP
Security	Kensington lock slot
Power	 Device input: 12VDC Idle power consumption 2W, Operating power consumption: 4-6W Wall-mount power supply input: Worldwide auto-sensing 100-240VAC, 50/60 Hz, 12V/1.5A (included)
Physical Characteristics	 Dimensions: 8.9(W)x14(D)x2.3 (H) cm/3.5(W)x6.22(D)x0.92(H) inch Device weight: 180 gr. (6 oz.) Shipping Weight: 0.65 Kg. (1.43 lbs.)

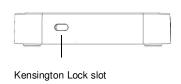


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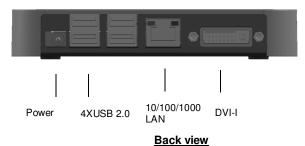
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Product Specifications Xtreme PC LXD8941		
Environmental	 Temperature range: Operating - 32°F to 104°F (0°C to 40°C) Storage: -46°F to 163°F (-20°C to 70°C) Humidity: Operating - 20 to 80% non-condensing; Storage - 0 to 90% non-condensing Altitude: 0 to 42,000 ft 	
Regulatory Compliance	 Safety: EN/IEC60950-1 EMI/EMC: FCC Class B, CE Mark, EN61000-6-3, EN61000-6-1 Environmental: WEEE, RoHS Compliant 	
Optional Accessories to be purchased separately	Kensington lock with 3ft cable Visit <u>www.chippc.com</u> for an updated list	
Enclosure Color	Black	
Warranty	 1 year automatic Warranty, additional 2 years pending on product registration Extended Warranty for years 4 & 5, optional, to be obtained during first year after purchase 	

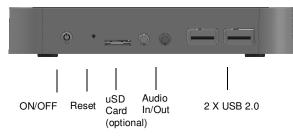




Overview with sizes



Side view



Front view

- Monitor, keyboard and mouse to be purchased separately
- Xcalibur Global & Plugin licenses to be purchased separately
 Above features are supported in latest firmware image version released
- Actual display support is dependent on display hardware and cable quality; some of the resolutions and display modes described above may not be supported by certain displays or cables
- The equipment shall be used only with the power supply shipped with it, which meets the requirements for a Limited Power Source according to the IEC/EN 60950-1 standard.
- Specifications are subjected to change without prior notice





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The Company

Since its inception, Chip PC has been a world leader in server-centric-computing. A private company with branches in Europe and the U.S., Chip PC develops and manufactures, top notch, thin, smart and zero clients and management systems.

Chip PC's team of dedicated researchers and developers have combined their years of experience to yield novel ideas and deliver an outstandingly innovative family of thin, smart and zero client products.

With the award winning Xcalibur Global management system and innovative thin, smart and zero units, Chip PC maintains a leading market position with its end-to-end solution.



The End-to-End Solution

Chip PC is aimed at solving the thorny problem of combining intelligent client networking with sophisticated management and control. Chip PC's unique solution constructs a ground-up client network from the revolutionary Jack PC that fits into a standard wall jack, through the NG Series', state-of-the art, powerful, desktop units and miniature Plug PCs.

These server-centric, revolutionarily designed, units are comprehensively managed by Chip PC's Xcalibur Global. The Xcalibur Global Management System simulates an Active Directory environment with intelligent usage of its management principles of policies and tools and offers flexible management that applies down to the specific needs of every particular client unit or user.



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