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Highlights

- **Powerful Thin Client** – Intel Atom based processor supporting most demanding user requirements
- **DVI Video** - connectivity to digital monitors including dual display support
- **Resolutions** supported up to 1920x1200px (RB) @ 16M (32 bit) colors
- **Manageable through various tools:**
  - **Chip PC Xcalibur Global XP Client** enables complete remote management of clients from a central location, including inventory status and session management
  - **Microsoft WDS (Windows Deployment Server)** enables remote deployment and updates of clients from a central location
  - **Altiris** deployment solution supported
- **Flexible** - Can run a range of applications from local printing, to various ICA/RDP/VDI and Terminal Emulation application and a large variety of 32bit Clients and applications
- **Customizable** - Fully customizable desktop interface and modular operating system to fit user needs
- **Plug-and–Play Connectivity** - Fast, easy installation and deployment
- **Data Integrity** – Centralized data storage and backup insures integrity and security
- **Secured** - Enhanced Write Filter protection & File based Filter protection that prohibit writing to Flash
- **Compact** - Weights as little as 0.6 Kg; easy to handle, ship, store, and install

EX-PC XPD4781

The **EX-PC XPD4781** is a top, high-performance XP-embedded-based device with a small foot print and low power consumption. It is the perfect workstation for users that require high-end functionality, including multiple displays and demanding applications.

The **EX-PC XPD4781** displays Windows desktops, Web browsers and various applications for power users from any market vertical. Its enhanced security makes it immune to viruses and Trojans.

The **EX-PC XPD4781** is specifically designed for server-based and desktop virtualization environments, supporting PXe booth and optionally internal wireless solutions.
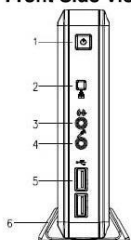
The **EX-PC XPD4781** supports digital video connectivity to LCD screens offering best-picture quality and user convenience;

The **EX-PC XPD4781** is the smartest, most compact, XPe thin client product on the market today functioning seamlessly with various OS platforms: Windows (Terminal Server Edition), Citrix, Legacy and VMware VDI/VDM/VMView. Coupled with unequalled management software, the **EX-PC XPD4781** truly forms the thin client of choice.
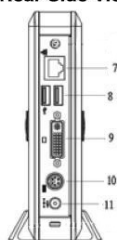
Mechanical Layout/ Drawing

Specifications subject changed without notice.

Front Side View

Rear Side View

Front Side View
1. Power Button / Power LED
2. LAN LED
3. Mic-in jack
4. Audio Line out jack
5. USB 2.0 port x 2
6. Cradle

Rear Side View
7. RJ-45 LAN port
8. USB 2.0 X 2
9. DVI-I
10. PS/2 K/B connector
11. DC Jack

EX-PC XPD4781 Hardware Specification Table

CPU	• Intel Atom N270 1.6 GHz Dual Thread
Memory	• 1 GB RAM
Mass Storage	• 4 GB DOM
Graphics	• Intel 945GSE with Integrated Graphics Media Accelerator 950
Display Support	• Single Display & Dual Display: Up to 1920x1200 pixels (Reduced Blank) @ 16M (32 bit) colors
Enhanced Display Support	• Widescreen 16:9 support
Audio Support	• HD Audio CODEC • Audio Output - 3.5 mm (1/8 inch) Audio-Out Jack; • Audio Input - 3.5 mm (1/8 inch) Audio-In Jack
Input/Output	• DVI-I type video • 4 USB (2 rear, 2 front) • 1 PS/2 port
Status Lights	• Power ON • Power STBY • LAN Link - Activity
Network	• 10/100/1000 Fast Ethernet, twisted pair (RJ-45) • TCP/IP with DNS and DHCP • Point-to-Point Protocol (PPP) • WLAN (Optional)
Power	• Device input: 24W, DC 12V/2A external power adapter
Physical Characteristics	• Dimensions: 36(W) x156(D) x122(H) • Device weight: 0.6 Kg • Shipping Weight: Per single pack – 1.5 Kg
Mounting	• Special base attachment • VESA (optional, see Accessories) • Anti Theft Lock (optional, see Accessories)
Enclosure Color	Black and Silver
Environmental	• Temperature range: Operating - 0ºC to 40ºC (32ºF to 104ºF); Storage - 0ºC to 60ºC (32ºF to 140ºF) • Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing • Altitude: 0 to 20,000 ft
Regulatory Compliance	• Safety: UL/cUL60950,EN60 950 • EMI/EMC: FCC Class B, CE Mark, EN55022B
Accessories	• Visit our site at www.chippc.com for an updated list
Warranty	• 1 year automatic Warranty, additional 2 years pending on product registration

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Firmware Specifications Table

Chip PC's unique Thin Client Operating System architecture provides a fast, secure, customizable and manageable Operating System fully able to connect to any type of Terminal/Citrix/Legacy/Virtualization server

Operating system	• Windows Embedded Standard 2009	
Applications/Clients	**Integrated** • ICA 11.2 • RDP 7.0 • Outlook Express • IE full features • VMware VMView 4.0.1 • Windows Media Player 11 • Flash Player 10 • Ultra VNC • .NET Framework 2.0 • Windows Update Agent 3.0	**Optional** • Anti Virus • FireFox 2.x Browser • VPN Client • NX • XClient • JRE • MS Viewers • Jetro Cockpit Client • ProPalms Client • More 32 bit applications
Server OS Compatibility	• Citrix XenServer, XenApp, XenDesktop • Microsoft Windows Server 2000/2003/2008 • Unix/Linux Servers • VMware View • Novell Netware Servers	
Setup and Configuration	• Configuration is policy-based (stored locally and on server) • Multi-session support • Fully customizable PC-like desktop interface	
Management Solutions	• **Chip PC Xcalibur Global XP Client** enables complete remote management of clients from a central location, including inventory status and session management. Xcalibur Global is a full policy-based management solution with Active Directory integration. It offers device configuration and Users & Groups-based management • **Microsoft WDS (Windows Deployment Server)** enables remote deployment and updates of clients from a central location • Integration with **Altiris Deployment Server** (optional, license required)	
Security - General	• Locked-down desktop that can be changed only by administrator • Enhanced Write Protection Filter • Security policy applied locally or through Active Directory GPO • Built-in Microsoft Security Center	
User Authentication Mode	• Provide User-based security and configuration settings. Each user will get unique thin Client configuration and permissions according to his Group membership in the Active Directory.	
Certificates	• Import SSL certificates to the device for connecting to Citrix Secure gateway or websites requiring SSL	
Printers; Local and Network	• Full support of both local and network printers: LPD,LPR, SMB, LPT, USB, COM	
Enhanced Display Support	• Widescreen 16:9 support	

- Device package includes XPD-4781 device, Cradle, Warranty Registration Card and User's Manual
- Monitor, keyboard and mouse - to be purchased separately
- Software 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
- 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 client technology 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 client products.
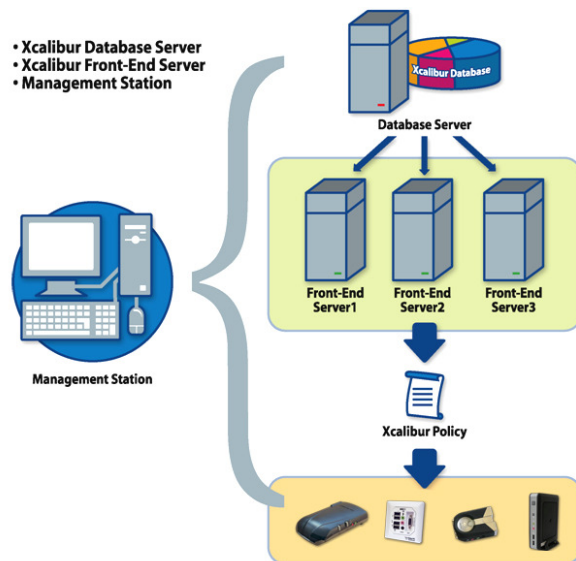
With the award winning Xcalibur Global management system and innovative thin client units, Chip PC maintains a leading market position with its end-to-end solution.

Plug PC
EX PC
VDI Broker
Complete Solution
XCALIBUR GLOBAL
Jack PC
Xtreme PC
Xcalibur Global

The End-to-End Solution

Chip PC is aimed at solving the thorny problem of combining intelligent thin client networking with sophisticated management and control. Chip PC's unique solution constructs a ground-up thin 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.

- Xcalibur Database Server
- Xcalibur Front-End Server
- Management Station

Xcalibur Database
Database Server
Front-End Server1
Front-End Server2
Front-End Server3
Xcalibur Policy
Management Station

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