



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:**
 - **Microsoft SCCM (System Center Configuration Manager)** enables, among other things, remote assessment, deployment, and updates of OS images to devices across physical, virtual, distributed, and mobile environments.
 - **Microsoft WDS (Windows Deployment Server)** enables remote deployment and updates of clients from a central location
 - **Altiris** deployment solution supported
- ▶ **Flexible** - Can run a large variety of 32bit Clients and applications, local printing, various ICA/RDP/VDI, Terminal Emulation applications and more
- ▶ **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 Write Filter protection that prohibit writing to Flash
- ▶ **Compact** - Weights as little as 0.6 Kg; easy to handle, ship, store, and install

EX-PC W7D4781/4791

The **EX-PC W7D4781/4791** is a top, high-performance Win7 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 W7D4781/4791** displays Windows desktops, Web browsers and various applications for power users from any market vertical.

The **EX-PC W7D4781/4791** is specifically designed for server-based and desktop virtualization environments, supporting PXe boot and optionally internal wireless solutions.

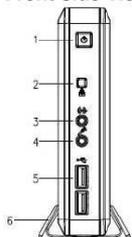
The **EX-PC W7D4781/4791** supports digital video connectivity to LCD screens offering best-picture quality and user convenience.

The **EX-PC W7D4781/4791** is the smartest, most compact, Win7 Embedded 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 W7D4781/4791** truly forms the thin client of choice.

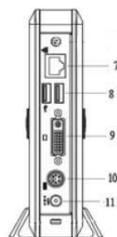
Mechanical Layout/ Drawing

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 W7D4781/4791 Hardware Specification Table

CPU	<ul style="list-style-type: none"> Intel Atom N270 1.6 GHz Dual Thread
Memory	<ul style="list-style-type: none"> Model W7D4781: 1 GB RAM Model W7D4791: 2 GB RAM
Mass Storage	<ul style="list-style-type: none"> 4 GB DOM Upgradable to 8/16/32 GB DOM
Graphics	<ul style="list-style-type: none"> Intel 945GSE with Integrated Graphics Media Accelerator 950
Display Support	<ul style="list-style-type: none"> Single Display & Dual Display: Up to 1920x1200 pixels @ 16M (32 bit) colors
Enhanced Display Support	<ul style="list-style-type: none"> Widescreen 16:9 support
Audio Support	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> DVI-I type video 4 USB (2 rear, 2 front) 1 PS/2 port
Status Lights	<ul style="list-style-type: none"> Power ON Power STBY LAN Link - Activity
Network	<ul style="list-style-type: none"> 10/100/1000 Fast Ethernet, twisted pair (RJ-45) WLAN (Optional)
Power	<ul style="list-style-type: none"> Device input: 24W, DC 12V/2A external power adapter
Physical Characteristics	<ul style="list-style-type: none"> Dimensions: 36(W) x156(D) x122(H) Device weight: 0.6 Kg Shipping Weight: Per single pack – 1.5 Kg
Mounting	<ul style="list-style-type: none"> Special base attachment VESA (optional, see Accessories) Anti Theft Lock (optional, see Accessories)
Enclosure Color	<ul style="list-style-type: none"> Black and Silver
Environmental	<ul style="list-style-type: none"> Temperature range: Operating - 0°C to 40°C (32°F to 104°F); Storage - 0°C to 60°C (32°F to 140°F) Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing Altitude: 0 to 20,000 ft
Regulatory Compliance	<ul style="list-style-type: none"> Safety: UL/cUL60950, EN60 950 EMI/EMC: FCC Class B, CE Mark, EN55022B
Accessories	<ul style="list-style-type: none"> Visit our site at www.chippc.com for an updated list
Warranty	<ul style="list-style-type: none"> 1 year automatic Warranty, additional 2 years pending on product registration

Firmware Specifications Table

Chip PC 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	<ul style="list-style-type: none"> Windows7 Embedded 	
Applications/Clients	<p>Integrated</p> <ul style="list-style-type: none"> ICA 12 RDP 7.0 Outlook Express IE 8.0 full features VMware VMView 4.0.1 Windows Media Player 12 Flash Player 10 Ultra VNC .NET Framework 3.5 Windows Update Agent 	<p>Optional</p> <ul style="list-style-type: none"> SCCM2007 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	<ul style="list-style-type: none"> Citrix XenServer, XenApp, XenDesktop Microsoft Windows Server 2000/2003/2008 Unix/Linux Servers VMware View Novell Netware Servers 	
Setup and Configuration	<ul style="list-style-type: none"> Multi-session support Fully customizable PC-like desktop interface 	
Management Solutions	<ul style="list-style-type: none"> Microsoft SCCM (System Center Configuration Manager) enables, among other things, remote assessment, deployment, and updates of OS images to devices across physical, virtual, distributed, and mobile environments. 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	<ul style="list-style-type: none"> 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 Registry filter 	
Certificates	<ul style="list-style-type: none"> Import SSL certificates to the device for connecting to Citrix Secure gateway or websites requiring SSL 	
Printers; Local and Network	<ul style="list-style-type: none"> Full support of both local and network printers: LPD,LPR, SMB, LPT, USB, COM 	
Enhanced Display Support	<ul style="list-style-type: none"> Widescreen 16:9 support 	

- Device package includes EX PC 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

The Company

Since its inception, Chip PC has been a world leader in server-centric-computing. A public 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.



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.

