



## Highlights

- ❏ **PC/SC PKI Smart Card Reader/Writer** featuring high security by requiring the insertion of a PKI Smart Card and authentication in front of the server
- ❏ **Legacy Supported Powerful Thin Client** - With multi-session-support and modular plug-in software
- ❏ **Fast** – powerful RISC Processor
- ❏ **DVI and VGA Video** - CE-based device with connectivity to DVI and VGA monitors
- ❏ **Video and Audio Support** - Separate 8 MB dedicated video memory and audio support
- ❏ **Multi-Display and Widescreen Support** - Dual display and widescreen (16:9) support
- ❏ **Resolutions** supported up to 1920x1200px (RB) @ 64K (16 bit) colors,
- ❏ **Manageable** - Chip PC's *Xcalibur Global* management software utilizes Active Directory (AD) tools and policies across the AD tree structure and is scalable to manage hundreds of thousands of Users and devices via a standard Active Directory interface
- ❏ **Flexible** - Can run a range of applications from local printing, to various ICA/RDP/VDI and Terminal Emulation applications
- ❏ **Customizable** - Fully customizable desktop interface and modular operating system and plugins to fit user needs
- ❏ **Plug-and-Play Connectivity** - Fast, easy installation and deployment
- ❏ **Data Integrity** – Centralized data storage and backup insures integrity and security
- ❏ **100% Secured** - Against viruses, worms, and Trojans, requires no security patches needed
- ❏ **Branding** - Reflect corporate themes, color and logo, in software screens and hardware printing
- ❏ **Compact** - Weights as little as 180gm (6.35 oz) and is easily mounted to back of monitor or underside of desk; easy to handle, ship, store, and install.
- ❏ **Power Saver** - 3.5W in full working mode; USB port powering option via Display (optional, see Accessories)

## NG-7552

The **NG 7552** innovative platform offers the first CE-based client with integrated PC/SC smart card reader enabling PKI-authentication, thus signaling a major industry push towards stronger client security.

The **NG 7552** supports digital video connectivity to LCD screens offering best-picture quality and user convenience; Analog output is also supported. Owing VGA and DVI-D Video-Out it supports VGA and DVI monitors providing support for Dual Screen functionality.

## The Xtreme PC Thin Client Family

The Xtreme PC is the smartest, most compact, family of thin client products on the market today. These server-centric computing oriented units function seamlessly with various OS platforms: Windows (Terminal Server Edition), Citrix, Legacy and VMware VDI.

The Xtreme PCs, with their small desktop footprint and low power consumption, coupled with unequalled management software, truly form the thin client family of choice.





### NG-7552 Hardware Specification Table

<b>CPU</b>	<ul style="list-style-type: none"> <li>RMI - Alchemy Au 1550, 500 MHz RISC (equivalent to 1.2 GHz x86 TC Processors)</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>128 MB DDR</li> </ul>
<b>Mass Storage</b>	<ul style="list-style-type: none"> <li>256 MB Disk-On-Chip with TFS</li> <li>Advanced Error Correction and Wear-levelling</li> </ul>
<b>Video Memory</b>	<ul style="list-style-type: none"> <li>128-bit 3D graphics acceleration engine with separate 8 MB display memory SDRAM</li> </ul>
<b>Display Support</b>	<p>Single Display:</p> <ul style="list-style-type: none"> <li>Up to 1920x1200 pixels (Reduced Blank) @ 64K (16 bit) colors</li> </ul> <p>Dual Display:</p> <ul style="list-style-type: none"> <li>Up to 1024x768 pixels ) @ 64K (16 bit) colors</li> </ul>
<b>Enhanced Display Support</b>	<ul style="list-style-type: none"> <li>Widescreen 16:9 support</li> </ul>
<b>Audio Support</b>	<ul style="list-style-type: none"> <li>Audio Output - 3.5 mm (1/8 inch) Audio-Out Jack; full 16-bit Stereo</li> <li>Audio Input - 3.5 mm (1/8 inch) Audio-In Jack</li> </ul>
<b>Input/Output</b>	<ul style="list-style-type: none"> <li>DVI-D type video</li> <li>VGA –type video (DB-15)</li> <li>3 USB 2.0-compatible ports</li> <li>1 Serial port</li> <li>PS/2 ports (optional, see Accessories)</li> </ul>
<b>Status Lights</b>	<ul style="list-style-type: none"> <li>Power ON - Self-Test passed (Green)</li> <li>Power STBY - Self-Test failed (Red)</li> <li>LAN Link - Activity (Green/Amber)</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>10/100 Fast Ethernet, twisted pair (RJ-45)</li> <li>TCP/IP with DNS and DHCP</li> <li>Point-to-Point Protocol (PPP)</li> <li>SNMP Support - allows remote configuration of device settings, reporting of device configuration and attached devices</li> </ul>
<b>Smart Card Support</b>	<ul style="list-style-type: none"> <li>Integrated PC/SC Smart Card Reader/Writer</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>Device input: 5V DC 2.4A max.</li> <li>Work Mode – 3.5W , Sleep Mode - 0.35W</li> <li>Wall-mount power supply input: Universal 90 – 240V AC, 50-60 Hz (included)</li> <li>USB port powering option via Display (optional, see Accessories)</li> </ul>
<b>Physical Characteristics</b>	<ul style="list-style-type: none"> <li>Dimensions: 80(W )x158(D)x34(H) mm / 3.15(W )x6.22(D)x1.34(H) inch</li> <li>Device weight: 180 gr. (6 oz.)</li> <li>Shipping Weight: Per single pack - 0.65 Kg. (1.43 lbs.); Per ten pack - 5.85 Kg. (12.9 lbs.)</li> </ul>
<b>Mounting</b>	<ul style="list-style-type: none"> <li>Special base attachment</li> <li>VESA (optional, see Accessories)</li> <li>Anti Theft Lock (optional, see Accessories)</li> </ul>
<b>Enclosure Color</b>	Midnight Gray and Silver
<b>Environmental</b>	<ul style="list-style-type: none"> <li>Temperature range: Operating - 0°C to 40°C (32°F to 104°F); Storage - 0°C to 60°C (32°F to 140°F)</li> <li>Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing</li> <li>Altitude: 0 to 20,000 ft</li> </ul>
<b>Regulatory Compliance</b>	<ul style="list-style-type: none"> <li>Safety: UL/cUL60950, EN60 950</li> <li>EMI/EMC: FCC Class B, CE Mark, EN55022B, VCCI</li> <li>EPA ENERGY STAR</li> </ul>
<b>Accessories</b>	<ul style="list-style-type: none"> <li>Visit our site at <a href="http://www.chippc.com">www.chippc.com</a> for an updated list</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>1 year automatic Warranty, additional 2 years pending on product registration</li> </ul>

## 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

<b>Operating system</b>	<ul style="list-style-type: none"> <li>Enhanced Microsoft Windows CE</li> </ul>
<b>Integrated Applications/Clients</b>	<ul style="list-style-type: none"> <li>ICA</li> <li>RDP</li> <li>Internet Explorer</li> <li>VDI</li> <li>Media Player (model pending)</li> <li>VPN Client</li> <li>VNC</li> </ul> <p>These Clients are modular and can be added/removed as plugins to save memory and have only needed applications available on the device</p>
<b>Server OS Compatibility</b>	<ul style="list-style-type: none"> <li>Citrix WinFrame, MetaFrame, and Presentation Server 4.5</li> <li>Microsoft Windows Server 2000/2003</li> <li>Microsoft Windows NT 4.0 – Terminal Server Edition</li> <li>VMware Virtual Desktop Interface using RDP</li> </ul>
<b>Setup and Configuration</b>	<ul style="list-style-type: none"> <li>Configuration is policy-based (stored locally and on server)</li> <li>Multi-session support</li> <li>Fully customizable PC-like desktop interface</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>Full policy-based management with Active Directory integration.</li> <li>100% remote manageability; upgrades, device configuration and Users &amp; Groups-based management</li> </ul>
<b>Security – 100% immunity to malicious code</b>	<ul style="list-style-type: none"> <li>Full immunity to viruses, Trojans and worms. No malicious code can run on the device</li> </ul>
<b>Security - General</b>	<ul style="list-style-type: none"> <li>Locked-down desktop that can be changed only by administrator</li> <li>Security policy applied from central server</li> <li>User cannot change settings</li> </ul>
<b>Security - USB Blocking</b>	<ul style="list-style-type: none"> <li>Full or partial USB blocking as required. The USB ports can be enabled, disabled for all or specified USB devices such as flash drive, CD-ROM, floppy, and more</li> </ul>
<b>User Authentication Mode</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<b>Smart Card Access</b>	<ul style="list-style-type: none"> <li>A User cannot use the client unless a Smart Card is inserted and the proper PIN code is provided. Removal of the card will lock the device.</li> </ul>
<b>Certificates</b>	<ul style="list-style-type: none"> <li>Import SSL certificates to the device for connecting to Citrix Secure gateway or websites requiring SSL</li> </ul>
<b>Printers; Local and Network</b>	<ul style="list-style-type: none"> <li>Full support of both local and network printers: LPD, LPR, SMB, LPT, USB, COM</li> </ul>
<b>Enhanced Display Support</b>	<ul style="list-style-type: none"> <li>Widescreen 16:9 support</li> </ul>

- 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
- 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 to integrate seamlessly with any cloud, server-based or virtualization environment.

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.

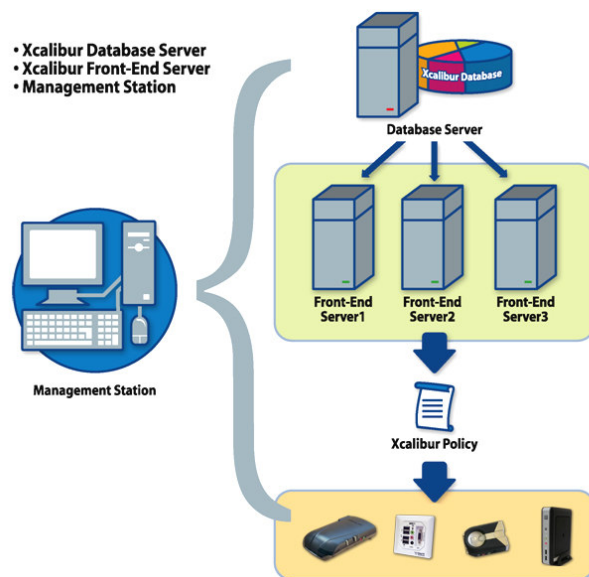
With the award winning Xcalibur Global management system and innovative thin client units, Chip PC maintains a leading market position with its end-to-end solution.



## 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 Xtreme PC Series, state-of-the art, powerful, desktop units, the miniature Plug PCs and powerful EX PCs.

These 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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