



## Highlights

- ✎ **High-security thin desktops** designed and built for high-security applications that require low-emanations and secured protocols as standard
- ✎ **Fiber-Optic Network Interface** Featuring internal 100Base-FX Fiber-optic LAN interface and advanced hardware IPSec engine
- ✎ **Powerful** Thin Client: with multi-session-support and modular plug-ins software
- ✎ **DVI and VGA Video** - CE-based device offering connectivity to DVI screens as well as VGA
- ✎ **Multi-Display and Wide Screen Support** - Dual Display support and Wide Screen (16:9) support
- ✎ **Advanced Video** Separate 8 MB video memory dedicated to video performance
- ✎ **Patented** RISC-based hardware architecture
- ✎ **Flexible** able to 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 Plug-Ins to fit user needs
- ✎ **Manageable** The Chip PC *Xcalibur Global* management software utilizing Active Directory (AD) tools and policies across an AD tree structure and scalable to manage hundreds of thousands of Users and devices via a standard Active Directory interface
- ✎ **Plug-and-play connectivity** – fast, easy installation and deployment
- ✎ **Data Security** and integrity
- ✎ **100% Secured** against viruses, worms, and requires no security patches
- ✎ **Accessible** with the latest client software and protocols
- ✎ **Freely built** to reflect corporate identity, including software screens
- ✎ **Compact** Weighting as little as 180gm (6.35 oz) and easily appended, the units are quick to handle, ship, store, and install.
- ✎ **Power saver** 3.5W at full working mode

## NG-7560

The **NG 7560** s was developed specifically to address the needs for high-security thin desktops for defense and law-enforcement organizations. This product was designed and built for high-security applications that require low-emanations and secured protocols as standard.

Featuring internal 100Base-FX fiber optic LAN interface and advanced hardware IPSec engine, the **NG 7560** is more secured and capable than most desktop PCs.

The **NG 7560** is the highest performance device of the Xtreme PC NG series. It is the perfect workstation for users that require high-end functionality.

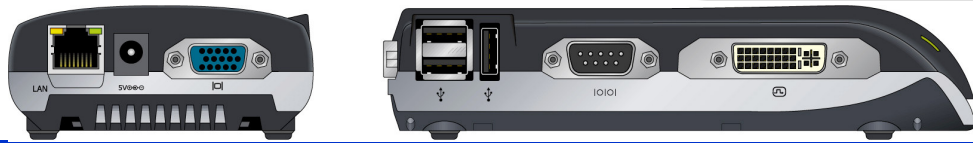
The **NG 7560** supports digital video connectivity to LCD modern screens offering best-picture quality and user convenience;

Owning both Analog and DVI-D Video-Out, it supports both Analog and DVI monitors and provides for Dual Display functionality

## The Xtreme PC Thin Client Family

Xtreme PC is the smartest and smallest thin client on the market today optimized for Server-Based Computing under Windows TS, CITRIX or VMware VDI. The combination of very low power consumption, state of the art hardware design and unparalleled management software makes the Xtreme PC the thin client of choice for enterprises and organizations around the world





### NG-7560 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> <li>Internal high-performance IPsec engine including header/trailer processing, padding, and IV processing. Compatible with CGX Lite library from SafeNet™</li> <li>Non deterministic random number generator</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>	128-bit 3D graphics acceleration engine with separate 8 MB display memory SDRAM
<b>Display Support</b>	Up to 1920x1200 pixels (Reduced Blank) @ 64K (16 bit) colors Dual Display Up to 1024x768 pixels @ 64K (16 bit) colors
<b>Enhanced Display Support</b>	Wide Screen 16:9 support
<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 (exc. 5052)</li> <li>Audio Input - 3.5 mm (1/8 inch) Audio-In Jack (exc. 5052)</li> <li>Software volume / mute control</li> </ul>
<b>Input/Output</b>	<ul style="list-style-type: none"> <li>VGA –type video (DB-15)</li> <li>DVI-D type video</li> <li>3 USB 2.0-compatible ports</li> <li>1 Serial port</li> <li>PS/2 ports (optional, see Accessories)</li> <li>Serial 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>100 BaseFX, IEEE 802.3u. Up to 2 km distance – LC type</li> <li>LC-to-SC cable available</li> <li>Wave length 1300 nm, multimode fibers</li> <li>Transceivers meet MIL-STD-883C Method 3015.4 Class 2 products</li> <li>RJ-45 LAN Removed completely – manufacturing and recovery done through fiber</li> </ul>
<b>Smart Card Support</b>	<ul style="list-style-type: none"> <li>External PC/SC Smart Card Reader (optional, see Accessories)</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> </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>	Visit our site at <a href="http://www.chippc.com">www.chippc.com</a> for an updated list
<b>Warranty</b>	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

<b>Operating system</b>	Enhanced Microsoft Windows CE
<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 plug ins 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</li> <li>• Microsoft Windows Server 2000/2003</li> <li>• Microsoft Windows NT 4.0 – Terminal Server Edition</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>	Full policy-based management with Active Directory integration. 100% remote manageability; upgrades, device configuration and Users & Groups -based management
<b>Security – 100% immunity to malicious code</b>	Full immunity to viruses, Trojans and worms. No malicious code can run on the device
<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>	Full or partial USB blocking as required. The USB ports can be enabled, disabled for all or specified USB devices such as Disk-on-Key, CDRom, Floppy, and more
<b>User Authentication Mode</b>	Provide User-based security and configuration settings. Each user will get unique thin Client configuration and permissions according to its Group membership in the Active Directory.
<b>Smart Card Access</b>	User cannot use the client unless Smart Card is inserted and proper PIN code is provided. Removal of the card will lock the device. Devices are available with integrated smart card reader or supporting external USB smart card reader
<b>Certificates</b>	Import SSL certificates to the device for connecting to Citrix Secure gateway or Websites requiring SSL
<b>Printers; Local and Network</b>	Full support of both local and network printers: LPD,LPR, SMB, LPT, USB, COM
<b>Enhanced Display Support</b>	Wide Screen 16:9 support, Dual Display Support

- Monitor, Keyboard and Mouse (to be purchased separately)
- Xcalibur Global & Plug In 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.

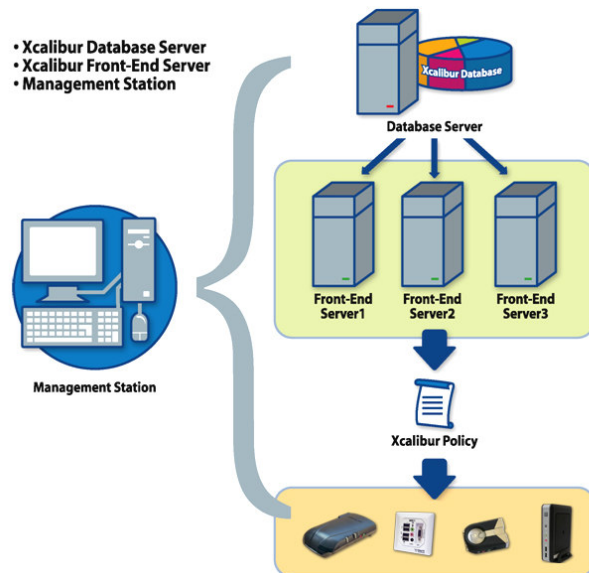
With the award winning Xcalibur Global management system and innovative thin client units, Chip PC maintains a leading market position with its end-to-end solution.



## 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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