Chip PC
Technologies | www.chippc.com

Highlights

- **Powerful Thin Client:** with multi-session-support and modular plug-ins software

- **Fast** – powerful RISC Processor

- **2 x DVI-I Video:** CE-based device offering connectivity to DVI screens as well as VGA

- **Multi display support:** 2-4 (Dual-to-Quad) Displays including widescreen support

- **Single & Dual Display resolutions** supported up to 1920x1200 px (Reduced Blank) @ 64K (16 bit) colors

- **Quad (4) Display resolutions** supported up to 1024x768 px @ 64K (16 bit) colors Legacy Supported Powerful Thin Client

- **Video and Audio Support** - Separate 2x8 MB dedicated video memory and audio support

- **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)

Xtreme PC NG-6600

The **NG 6600** is among the highest performing devices in the Xtreme PC NG series, combining attractive pricing with great specs.
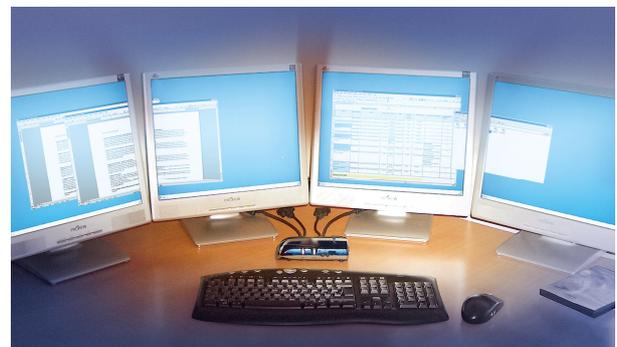
The **NG-6600** was designed to streamline video presentation on multiple displays. This is perfect for users in demanding environments requiring wide working area, such as traders' desk applications with high-end applications, also supports widescreens.

Offering 2 DVI-I Video-outs supporting VGA and DVI monitors, it also provides support for multiple displays in Dual or Quad mode.

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-6600 Hardware Specification Table

CPU	• RMI - Alchemy Au 1550, 500 MHz RISC (equivalent to 1.2 GHz x86 TC Processors)
Memory	• 128 MB DDR
Mass Storage	• 64 MB Disk-On-Chip with TFS • Advanced Error Correction and Wear-levelling
Video Memory	• 128-bit 3D graphics acceleration engine with separate 2x8 MB display memory SDRAM
Display Support	Single and Dual Display: • Up to 1920x1200 pixels (Reduced Blank) @ 64K (16 bit) colors Quad Display: ▪ Up to 1024x768 pixels) @ 64K (16 bit) colors
Enhanced Display Support	• Widescreen support
Audio Support	▪ Audio Output - 3.5 mm (1/8 inch) Audio-Out Jack; full 16-bit Stereo ▪ Audio Input - 3.5 mm (1/8 inch) Audio-In Jack
Input/Output	• 2 DVI-I type video • 4 USB 2.0-compatible ports • PS/2 ports (optional, see Accessories) • Serial ports (optional, see Accessories)
Status Lights	• Power ON - Self-Test passed (Green) • Power STBY - Self-Test failed (Red) • LAN Link - Activity (Green/Amber)
Network	• 10/100 Fast Ethernet, twisted pair (RJ-45) • TCP/IP with DNS and DHCP • Point-to-Point Protocol (PPP) • SNMP Support - allows remote configuration of device settings, reporting of device configuration and attached devices
Smart Card Support	• External PC/SC Smart Card Reader (optional, see Accessories)
Power	• Device input: 5V DC 2.4A max. • Work Mode – 3.5W , Sleep Mode - 0.35W • Wall-mount power supply input: Universal 90 – 240V AC, 50-60 Hz (included) • USB port powering option via Display (optional, see Accessories)
Physical Characteristics	• Dimensions: 80(W)x158(D)x34(H) mm / 3.15(W)x6.22(D)x1.34(H) inch • Device weight: 180 gr. (6 oz.) • Shipping Weight: Per single pack - 0.65 Kg. (1.43 lbs.); per ten pack - 5.85 Kg. (12.9 lbs.)
Mounting	• Special base attachment • VESA (optional, see Accessories) • Anti Theft Lock (optional, see Accessories)
Enclosure Color	Midnight Gray 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, VCCI • EPA ENERGY STAR
Accessories	• Visit our site at www.chippc.com for an updated list
Warranty	• 1 year automatic Warranty, additional 2 years pending on product registration

vmware READY CERTIFIED   CITRIX ready

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	• Enhanced Microsoft Windows CE
Integrated Applications/Clients	• ICA • RDP • Internet Explorer • VDI • Media Player (model pending) • VPN Client • VNC These Clients are modular and can be added/removed as plug-in to save memory and have only needed applications available on the device
Server OS Compatibility	• Citrix WinFrame, MetaFrame, and Presentation Server 4.5 • Microsoft Windows Server 2000/2003 • Microsoft Windows NT 4.0 – Terminal Server Edition • VMware Virtual Desktop Interface using RDP
Setup and Configuration	• Configuration is policy-based (stored locally and on server) • Multi-session support • Fully customizable PC-like desktop interface
Management	• Full policy-based management with Active Directory integration. • 100% remote manageability; upgrades, device configuration and Users & Groups-based management
Security – 100% immunity to malicious code	• Full immunity to viruses, Trojans and worms. No malicious code can run on the device
Security - General	• Locked-down desktop that can be changed only by administrator • Security policy applied from central server • User cannot change settings
Security - USB Blocking	• 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
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.
Smart Card Access	• 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. • Devices are available with integrated Smart Card reader or supporting external USB Smart Card reader
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 support

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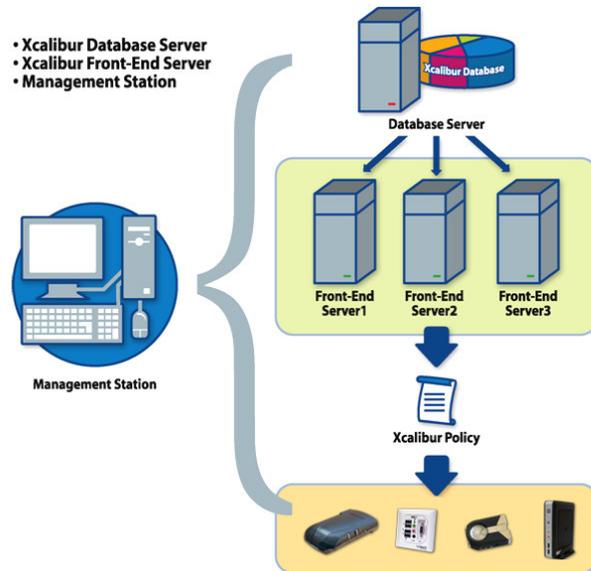
With the award winning Xcalibur Global management system and innovative thin client units, Chip PC maintains a leading market position with its end-to-end solution.

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.