



## Highlights:

- **High-performance, Reliable Thin Clients:** with multi-session support and strong 3D graphics
- **Optimized for Various Applications:** including demanding graphics support
- **Powerful Platform:** Using latest strong AMD RISC processor; Offering PC power and TC reliability, 64MB SDRAM, 32MB Disk-On-Chip with True Flash File System
- **Manageable:** Fully managed according to deployment size with web-based **Xcalibur 3** or with Enterprise-Level **Xcalibur Global** utilizing Active Directory tools & using PC-like policies and AD tree structure
- **Highest Security:** guaranteed to have no viruses, worms or security patches
- **Up-to-Date Client Software:**
  - Latest Windows CE OS
  - Latest ICA®&RDP® protocols
  - Latest Local Browser (IE)
  - Powerful local XP-like managed desktop
- **Modular, Expandable Image:** customers get exactly and only what they want through expandable Image and Plug-Ins software (XPIs) options. Custom Plug-Ins and images can be pre-loaded during assembly
- **Customizable:** built-to-order, including hardware logo-printing and software system screen customizations reflecting Corporate Identity
- **I/O Options:** **EX-5400** Legacy-Free with 3 USB connectors; **EX-5450** with 3 USB connectors, 1 Serial port, 1 Parallel port
- **Audio Support:** Audio In-Audio Out connectors
- **Smallest-Size and Lightest Weight:** easy to ship, store & install
- **The World's Lowest-Power Desktop Device:** 5W at Full Working Mode

## Xtreme PC EX- 5400/5450 – High-Performance, Multi I/O Thin Clients

**Xtreme PC** is the smartest and smallest thin client on the market today, optimized for Server-Based Computing under Windows 2000/3 Terminal Server edition or CITRIX Metaframe. The combination of very low power consumption, state of the art hardware design and unparalleled management software makes the **Xtreme PC** the best Thin Client solution by far.

**EX-5400/5450** offer unparalleled superior performance compared to any other thin client in the market may it be a CE.NET, Linux or XPe thin client.

**EX-5400/5450** are high-performance Windows CE.NET-based thin clients that are perfect for users in LAN/WAN environments, which need a whole array of Office applications, packages of terminal emulations to connect to Legacy servers and a collection of value-added software modules of Xtreme Plug-Ins (XPIs).

**EX-5400/5450** support concurrent multi-sessions, strong 3D graphics, modular plug-ins software, and audio. The **EX-5400** is a Legacy-Free thin client with 3 USB ports, while **EX-5450** owns both USB & Legacy Ports (Serial/Parallel).

The **Xtreme PC** is the most customizable, feature-rich platform on the market today. Supported by the award-winning Xcalibur, it is the most secured, manageable thin-client solution, either remotely or locally. Additional Plug-Ins offerings make it built-to-order and modifiable according to customer changing needs.



### Chip PC - Making IT a Complete Solution

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## Product Specifications

### CPU

- AMD Alchemy processor, 400 MHz RISC (equivalent to 800 MHz x86 TC Processors)

### Memory

- 64 MB SDRAM onboard

### Mass-Storage

- 32 MB Disk-On-Chip with True File System

### Display Support

- Color VGA / SVGA / XGA, DB-15HD female connector
- Resolution 1280x1024x16M (24bit True Color) @70Hz
- 128-bit 2D graphics acceleration engine with separate 4 MB display memory SDRAM.
- Supports VESA standard CRT & LCD

### Input / Output

- Legacy Free – 3 USB Type-A connectors.  
Power output – up to 0.25A per port
- EX5450 also includes:  
Legacy Interfaces – 1 Serial Port/1 Parallel Port

### 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
- Software volume / mute control

### 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) with Auto-negotiate
- 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
- Compliant with standards: IEEE 802.3-LAN & 802.3U-LAN

### Operating System

- Microsoft Windows CE.NET kernel

### Protocols Supported

- Microsoft® RDP
- Citrix® ICA
- Local Browser IE

### Remote Management

- Xcalibur Management client for 100% remote management and trouble-shooting (for an additional cost).

### Compliant Servers

- Microsoft Windows NT® Server 4.0 Terminal Edition
- Microsoft Windows 2000® Server
- Microsoft Windows 2003® Server (.NET)
- Citrix WinFrame®
- Citrix MetaFrame®

### Warranty

- 1 year automatic Limited Hardware Warranty, additional 2 years pending on product registration  
<http://www.chippc.com/support/>

### Optional Software Plug-Ins (for an additional cost)

Visit [www.chippc.com](http://www.chippc.com) to download /purchase

### External Hardware Options (for additional cost)

- Visit [www.chippc.com](http://www.chippc.com) to view updated list

### Power

- Device input: 5V DC 2A max.
- Normal power consumption: 5W
- Power consumption (sleep mode): 0.35W
- Wall-mount power supply input:  
Universal 90 – 240V AC 50-60 Hz input (included)

### Physical Characteristics

- Dimensions:  
80(W) x158 (D) x34 (H) mm  
3.15(W) x 6.22(D) x 1.34(H)"
- Device weight: 120 gr [4 oz]
- Shipping weight:  
Single pack - 0.65 Kg [1.43 lbs]  
Ten pack – 4.5 Kg [10 lbs]

### Environmental

- Temperature range:  
Operating: 32°F to 104°F (0°C to 40°C)
- Storage: 32°F to 140°F (0°C to 60°C)
- Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing
- Altitude: 0 to 20,000 ft

### Regulatory Compliance

- Safety: UL 1950, cUL,(EN60 950)
- EMI/EMC: FCC Class B, CE Mark, EN55022B, VCCI
- EPA ENERGY STAR

### Terminal Emulations

#### (Optional Plug-ins for additional cost)

- Teemtalk® Terminal Emulation Pack by Pericom Software
- Powerterm® Terminal Emulation Pack by Ericom Software

### Enclosure Color

- Midnight Gray/Silver

- \* Monitor, Keyboard & Mouse are not included
- \* Xcalibur & Plug In licenses are provided for an additional cost
- \* Specifications subject to change without prior notice



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