

Highlights

- 📌 **Outstanding Powerful Smart Client** – AMD dual core based processor and chipset supporting most demanding user requirements
- 📌 **VGA, DVI and HDMI Video** – AMD/ATI onboard HD graphic card with native connectivity for digital and analogue monitors including dual display support
- 📌 **Full HD support** – including advanced video decoders adapted for HD decoding intensive tasks, whether they may be 2D or 3D graphics, multi-display HD videos, and more.
- 📌 **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 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



HD PC Smart Client 4RAM/64SSD

The **HD PC Smart Client 4RAM/64SSD** provides an outstanding performance provided by its powerful dual core processor and chipset – providing you with a sleek user experience never heard of before.

The **HD PC Smart Client 4RAM/64SSD** is powered by the latest technology CPU and chipset offering advanced video decoders adapted for HD decoding intensive tasks, whether they may be 2D or 3D graphics, multi-display HD videos, and more.

The **HD PC Smart Client 4RAM/64SSD** includes a wealth of I/O options and Super Speed USB 3.0 connectivity, so you may connect the newest peripherals and get speeds of up to 10 times faster than USB 2.0 standard ports. In addition, a wealth of display options is open to you, including HDMI, DVI and VGA. Networking includes support for gigabit Ethernet, and available integrated A/B/G/N dual band Wi-Fi option.

The **HD PC Smart Client 4RAM/64SSD** can be powered by Windows Embedded Standard 7 or 8 and offers expanded functionality for every need. The **HD PC Smart Client 4RAM/64SSD** owns a familiar Windows interface and supports any need as a virtual desktop, smart client or connectivity to cloud applications.

Additional unique features of the **HD PC Smart Client 4RAM/64SSD** include instant boot, instant Flash, AIWI, APP Charger, Smart View, extra fast USB and hybrid booster via U-COP and Boot Failure Guard (B.F.G.)

HD PC Smart Client 4RAM/64SSD Hardware Specification Table

Form Factor	<ul style="list-style-type: none"> Mini-ITX Form Factor All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
Operating system	<ul style="list-style-type: none"> Supports any Windows7 or 8 OS version
CPU	<ul style="list-style-type: none"> AMD Dual-Core Zacate E350/E350D APU Supports AMD's Cool 'n' Quiet TM Technology UMI 2.5 GT/s
Chipset	<ul style="list-style-type: none"> AMD A50M Chipset
RAM	<ul style="list-style-type: none"> 4GB DDR3 1066 non-ECC, un-buffered memory Max. capacity of system memory: 16GB
Flash	<ul style="list-style-type: none"> 64GB SATA3 SSD Flash (Optional up to 256GB) 4 x SATA3 6.0 Gb/s connectors, support NCQ, AHCI and "Hot Plug" functions
Graphics	<ul style="list-style-type: none"> Integrated AMD Radeon HD 6310 graphics DX11 class iGPU, Pixel Shader 5.0 Max. shared memory 512MB Three display output options: HDMI, DVI-D and VGA/D-Sub Supports HDMI Technology with max. resolution up to 1920x1200 (1080P) Supports DVI with max. resolution up to 1920x1200 @ 75Hz Supports VGA/D-Sub with max. resolution up to 2048x1536 @ 85Hz Supports HDCP function with DVI and HDMI ports Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI and HDMI ports Supports Dolby TrueHD and DTS-HD Master Audio through HDMI port
Audio Support	<ul style="list-style-type: none"> 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec) Premium Blu-ray audio support
Rear Panel Input/output	<p>I/O Panel</p> <ul style="list-style-type: none"> 1 x PS/2 Keyboard/Mouse Port 1 x VGA/D-Sub Port 1 x DVI-D Port 1 x HDMI Port 1 x Optical SPDIF Out Port 4 x Ready-to-Use USB 2.0 Ports 1 x eSATA3 Connector 2 x Ready-to-Use USB 3.0 Ports 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) HD Audio Jack: Rear Speaker/Central/Bass/Line in/Front Speaker/Microphone
USB 3.0	<ul style="list-style-type: none"> 2 x USB 3.0 ports by Etron EJ168A, support USB 1.0/2.0/3.0 up to 5Gb/s
Connectors	<ul style="list-style-type: none"> 4 x SATA3 6.0Gb/s connectors 1 x CIR header (Optional, on special orders) 1 x COM port header (Optional, on special orders) 24 pin ATX power connector Audio connector (Front panel) 2 x USB 2.0 headers (Front panel)
BIOS Features	<ul style="list-style-type: none"> 32Mb AMI BIOS AMI UEFI Legal BIOS with GUI support Supports "Plug and Play" ACPI 1.1 Compliance Wake Up Events Supports jumper free SMBIOS 2.3.1 Support DRAM, FCH, +1V, +1.8V Voltage Multi-adjustment Live BIOS Update
Network	<ul style="list-style-type: none"> 1 Gigabit LAN 10/100/1000 Mb/s Realtek RTL8111E Supports Wake-On-LAN Supports LAN Cable Detection Supports Energy Efficient Ethernet 802.3az
Unique Features	<ul style="list-style-type: none"> Instant Boot Instant Flash AWI APP Charger SmartView XFast USB

HD PC Smart Client 4RAM/64SSD Hardware Specification Table

	Hybrid Booster: - U-COP - Boot Failure Guard (B.F.G.)
Hardware Monitor	<ul style="list-style-type: none"> • CPU Temperature Sensing • Chassis Temperature Sensing • Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
Enclosure Color	<ul style="list-style-type: none"> • Black
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
General Power Consumption	<ul style="list-style-type: none"> • Typical 7-10W • Max. 18-20W
External Power Supply	<ul style="list-style-type: none"> • External power supply 12V 3 Amp
Regulatory Compliance	<ul style="list-style-type: none"> • Safety: UL/cUL60950, EN60 950 • EM/EMC: FCC Class B, CE Mark, EN55022B
Dimensions	<ul style="list-style-type: none"> • 53x195x185mm • 2x8x7.5 inch
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

- Device package includes HD PC device, 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 private company with branches in Europe and the U.S., Chip PC develops and manufactures, top notch, thin, smart and zero clients and management systems.



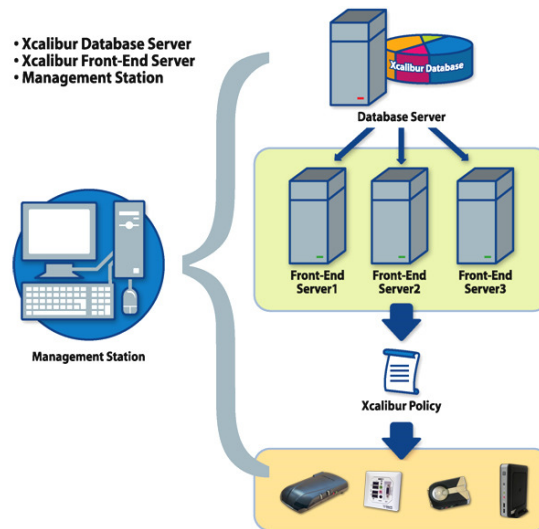
Chip PC's team of dedicated researchers and developers have combined their years of experience to yield novel ideas and deliver an outstandingly innovative family of thin, smart and zero client products.

With the award winning Xcalibur Global management system and innovative thin, smart and zero 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 client networking with sophisticated management and control. Chip PC's unique solution constructs a ground-up 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.



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