



Highlights

- Outstanding Powerful Thin 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 W7DA8E6

The **HD PC W7DA8E6** 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 W7DA8E6** 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 W7DA8E6** 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 W7DA8E6 is powered by Windows Embedded Standard 7 enhanced with Chip PC additions and offering expanded functionality for every need. The HD PC W7DA8E6 owns a familiar Windows interface and supports any need as a virtual desktop, thin client or connectivity to cloud applications. Another big advantage of this innovative device is enhanced security and manageability via Chip PC's management software, the Xcalibur Global.

Additional unique features of the **HD PC W7DA8E6** include instant boot, instant Flash, AlWI, APP Charger, Smart View, extra fast USB and hybrid booster via U-COP and Boot Failure Guard (B.F.G.)



HD PC W7DA8E6 Hardware Specification Table			
Form Factor	 Mini-ITX Form Factor All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors) 		
СРИ	 AMD Dual-Core Zacate E350/E350D APU Supports AMD's Cool 'n' Quiet TM Technology UMI 2.5 GT/s 		
Chipset	AMD A50M Chipset		
RAM	 2GB DDR3 1066 non-ECC, un-buffered memory Max. capacity of system memory: 16GB 		
Flash	 8GB SATA3 SSD Flash (Optional 16GB/32GB/64GB) 4 x SATA3 6.0 Gb/s connectors, support NCQ, AHCI and "Hot Plug" functions 		
Graphics	 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	 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec) Premium Blu-ray audio support 		
Rear Panel Input/output	I/O Panel 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	• 2 x USB 3.0 ports by Etron EJ168A, support USB 1.0/2.0/3.0 up to 5Gb/s		
Connectors	 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	 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 		
Network	 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	 Instant Boot Instant Flash AIWI APP Charger SmartView XFast USB Hybrid Booster: 		





HD PC W7DA8E6 Hardware Specification Table			
	- U-COP - Boot Failure Guard (B.F.G.)		
Hardware Monitor	 CPU Temperature Sensing Chassis Temperature Sensing Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore 		
Enclosure Color	Black		
Environmental	 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 		
Regulatory Compliance	 Safety: UL/cUL60950,EN60 950 EMI/EMC: FCC Class B, CE Mark, EN55022B 		
Accessories	Visit our site at www.chippc.com for an updated list		
Warranty	1 year automatic Warranty, additional 2 years pending on product registration		

Firmware Specifications Table

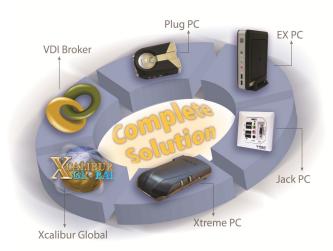
Chip PC unique Thin Client Operating System architecture provides a fast, secure, customizable and manageable Operating System fully able to connect to any type of Terminal/Citrix/Legacy/Virtualization server

Operating system	Windows7 Embedded		
Applications/Clients	Integrated Citrix Receiver 13 (Online + offline clients) RDP 7.1 IE 9.0 Full Features VMware View 5 Windows media player 12 Flash player 10.2 Ultra VNC Net Framework 3.5 Windows update Agent Domain Join	Optional SCCM2007 Anti-Virus Firefox browser VPN Client NX Xclient JRE MS Viewers Jetro Cockpit Client ProPalms Client Any 32 bit Application	
Server OS Compatibility	 Citrix XenServer, XenApp, XenDesktop Microsoft Windows Server 2000/2003/2008 (RemoteFX Support) Unix/Linux Servers VMware view Servers Novell Netware Servers 		
Setup and Configuration	Multi-session supportFully customizable PC-like desktop interface		
Management Solutions	 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. Integration with Altiris Deployment Server (optional, license required) 		
Security - General	 Locked-down desktop that can be changed only by Administrator File-Based-Write-Filter / Enhanced-Write-Filter Registry Filter Security policy applied locally or through Active Directory GPO Built-in Microsoft Security Center + F/W 		
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		
External Power Supply	External power supply 12V 3 Amp		

- 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 client technology and management systems.

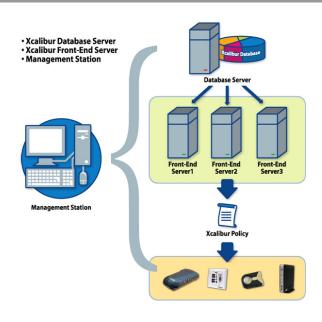
Chip PC's team of dedicated researchers and developers have combined their years of experience to yield novel ideas and deliver an outstandingly innovative family of thin client products.

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 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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