Chip PC
Technologies | www.chippc.com

Jack PC
with US Frame

Jack PC
with EU Frame

Highlights at a Glance:

- **Utilizes Network Infrastructure:** Mounts to wall (in standard LAN jack), floor or furniture and prevents theft

- **Power-over-Ethernet (PoE):** Efficiently provide power over existing Ethernet cabling infrastructure

- **Zero Desk Space:** Reduces clutter on desktops and below.

- **Fast:** RISC processor architecture

- **Dual Display and Audio Support:** Dual Display support, Separate 8 MB dedicated video memory and audio support

- **Resolutions & Widescreen Support:** resolutions supported up to 1600x1200 pixels, widescreen support

Value-Added Management:

- Fully managed via Policy-based, value-added Xcalibur Global management suite

- Allows login to Active Directory domain from Linux-based devices

- Manage devices in any environment (LAN, WAN, Remote site)

Green Devices:

- Lowest power consumption, only 3W power

- Best power/performance ratio

- Smallest form-factor assures minimum carbon footprint and maximum recycling potential

- Power by monitor option with Chip PC USB power cable

Features at a Glance:

- Patented Network-Jack-integrated Form Factor
- RMI 1550 RISC Processor, 500 MHz (Equivalent to 1.2 GHz x86)
- 256 MB Flash/128 MB RAM DDR
- 4 x USB 2.0 ports, DVI-I Video, Audio-In/Out
- Resolutions: up to 1600x1200px @ 64K (16 bit) colors

Jack PC EFI 7900

Jack PC EFI 7900 high performance thin client/virtual desktop is the perfect desktop for users that require high-end functionality; Integrated into standard LAN Jack, supporting Power-over-Ethernet and DVI-I video connectivity offering high resolutions, dual display support, best-picture quality and user convenience.

Jack PC EFI 7900 offers a compact, revolutionary unit, dissolved into a wall or table surface that becomes an integral part of sophisticated Smart Building technology.

Chip PC's **Jack PC EFI 7900** draws as low as 3 watts of power at maximum load; With its design centered on ease-of-use it provides seamless integration into desktop virtualization and server-based computing environments.
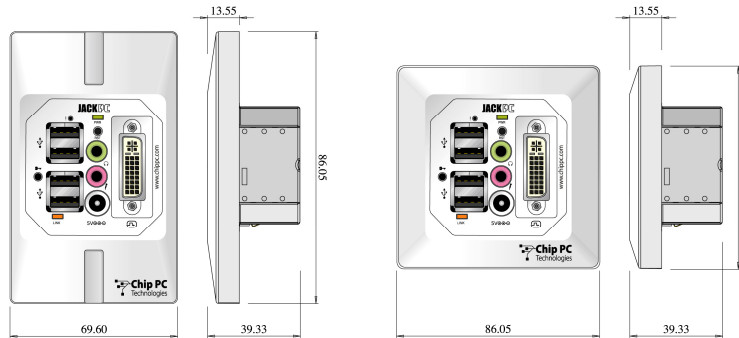
Chip PC Windows® CE 6.0 OS offer highest security advantages side by side with providing strong performance and flexibility advantages offered by high-end, high-cost Full Windows Standard/XP Embedded devices.

Supported by the industry-leading management and monitoring solution from Chip PC – the **Xcalibur Global**, the **Jack PC EFI 7900** offers management of CE-based devices in a Microsoft Policy-based, Active Directory environment.

Xcalibur Global provides complete, centralized management and monitoring of thousands of devices from the data center; It offers ultimate manageability, monitoring and scalability from small, medium install bases to the richest, largest, most complex server-based and virtual desktop environments.

The **Jack PC EFI 7900** offers a powerful desktop unit supporting heavy in-session applications in a 3 watt ultra green platform. The combination of very low power consumption, state of the art hardware design and unparalleled management software position it as the ultimate desktop of choice for enterprises and organizations around the world.

vmware READY CERTIFIED

CITRIX ready

Product Specifications Jack PC EFI 7900	
CPU	• RMI Au 1550, 500 MHz RISC, equivalent to x86 1.2 GHz
Memory	• 128 MB DDR
Mass Storage	• 256 MB Disk-On-Chip with FFS • 10 years data retention • Video memory: 128-bit 3-D graphics acceleration with separate 8 MB display memory SDRAM
Display Support & Dual Monitor Support	• Digital video DVI-I connector • Y cable enables dual display support with resolutions up to 1024x768 pixels @ 64K (16 bit) colors
Resolutions (single display)	• Up to 1600x1200 Pixels @ 64k (16 bit)
Enhanced Display Support	• Wide screen support
Audio Support	• Audio Output – 3.5 mm (1/8 inch) Audio-Out Jack; 16-bit Stereo • Audio Input – 3.5 mm (1/8 inch) Audio-In Jack • Software volume / mute control
Input/Output	• 4 x USB 2.0-compatible ports • PS/2 ports - optional (see accessories) • Serial ports - optional (see accessories)
Operating System	• Enhanced Windows CE-6.0 R2
Integrated Applications/Clients	• ICA 10.09 client • RDP 6 • Internet Explorer • VDI • Media Player (model pending) • VPN Client • VNC These clients are modular and can be added as plug ins to save memory and have the device tailored with needed applications/functions.
Network	• 10/100 Fast Ethernet, twisted pair (RJ-45)
Warranty	• 1 year automatic Warranty, additional 2 years pending on product registration http://www.chippc.com/support/

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	Product Specifications Jack PC EFI 7900		
Power	• Power over Ethernet IEEE 802.3 af • Normal power consumption: 3W • Power consumption (sleep mode): 0.35W • Maximum power consumption: 5W • Voltage range: 48VDC nominal 36-56 VDC per 802.3 af standard • External Wall-mount power supply input: 5VDC 2A max Universal 90 – 240V AC 50-60 Hz input (to be supplied by Chip PC if external powering is required) • Optional USB power (no AC/DC is required)		
Physical Characteristics	Jack PC Dimensions with EU/UK Frame: • 8.60cm/3.44 inch (Width); • 8.60cm/3.44 inch (Height); • 3.95cm/1.58 inch (Depth)	Jack PC Dimensions with US Frame: • 6.96cm/2.78 inch (Width); • 11.40cm/4.56 inch (Height); • 3.95cm/1.58 inch (Depth)	Device weight (with frame): 350 gr [12 oz] • Shipping weight: 1. Single pack without power supply - 0.42 Kg [0.93 lbs] 2. Single pack with power supply - 0.57 Kg [1.26 lbs]
Environmental	• Temperature range: Operating - 32ºF to 104ºF (0ºC to 40ºC) • Storage: -46ºF to 163ºF (-20ºC to 70ºC) • Humidity: Operating - 20 to 80% non condensing; Storage - 0 to 90% non condensing • Altitude: 0 to 42,000 ft		
Regulatory Compliance	• Safety: c/UL60950, cUL, EN/IEC60950-1 • EMI/EMC: FCC Class B, CE Mark, EN61000-6-3, EN61000-6-1, VCCI • EPA ENERGY STAR		
Optional Software Plug-Ins (for an additional cost)	• Visit www.chippc.com to download /purchase		
Optional Accessories (for an additional cost)	• Visit www.chippc.com for an updated list		
Enclosure Color	White		
	Shipped with: • Jack PC device • IDC Krone Termination Connector Block for New LAN Installation • Metal Housing • Lower Cardboard Template for marking wall cutout in New Installation • Extraction Tool to remove device after it was installed • Warranty Registration Card **To be Purchased separately:** • RJ-45 Termination Connector Block to install Jack PC into an existing LAN jack. Chip PC part number: CPN02164 • External power supply when the device is to powered externally		

- 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.

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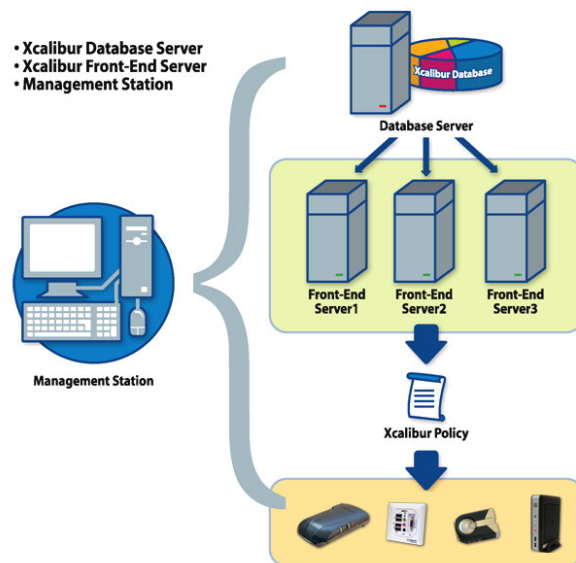
With the award winning Xcalibur Global management system and innovative thin client units, Chip PC maintains a leading market position with its end-to-end solution.

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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