



# JACK PC

Solution that Break Through (Walls)

An illustration of the Jack-PC device, a thin client that fits into a wall or floor LAN jack. It is connected to a Flex-Jack system, which is a network jack with multiple ports. A glowing orange and red arc connects the Jack-PC to the Flex-Jack system, symbolizing the connection and power flow.

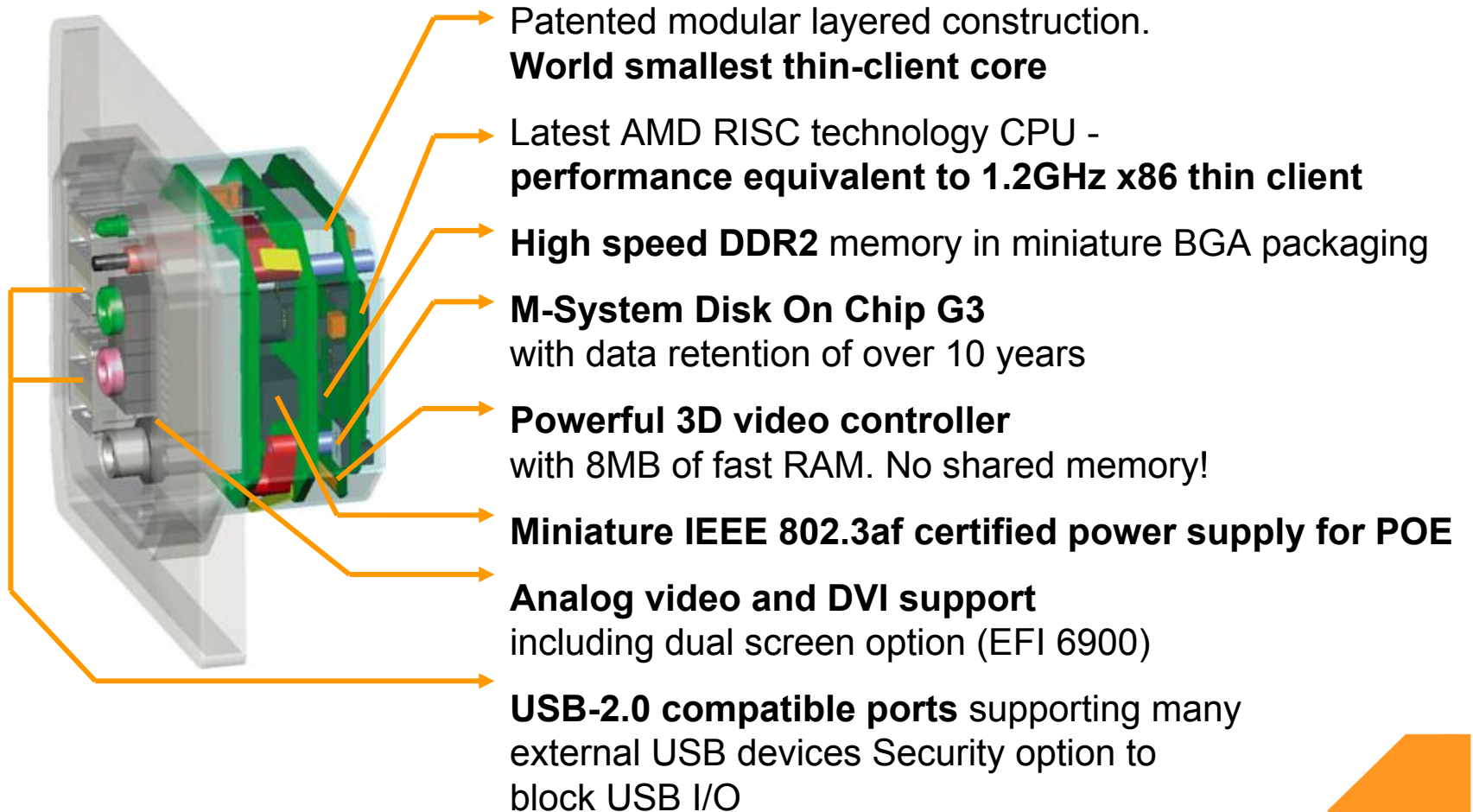
## Introducing Jack-PC

- Unique “Computer in-the-jack” concept
- Versatile thin client, additional functions under **Flex-Jack** system
- Fully integrated into the wall/floor LAN jack
- Fully managed by Xcalibur Global
- External Power or PoE (model pending)
- 4 USB ports
- Audio In/Out
- DVI/Analog Screen Support (model pending)

What makes the world's **smallest** desktop?



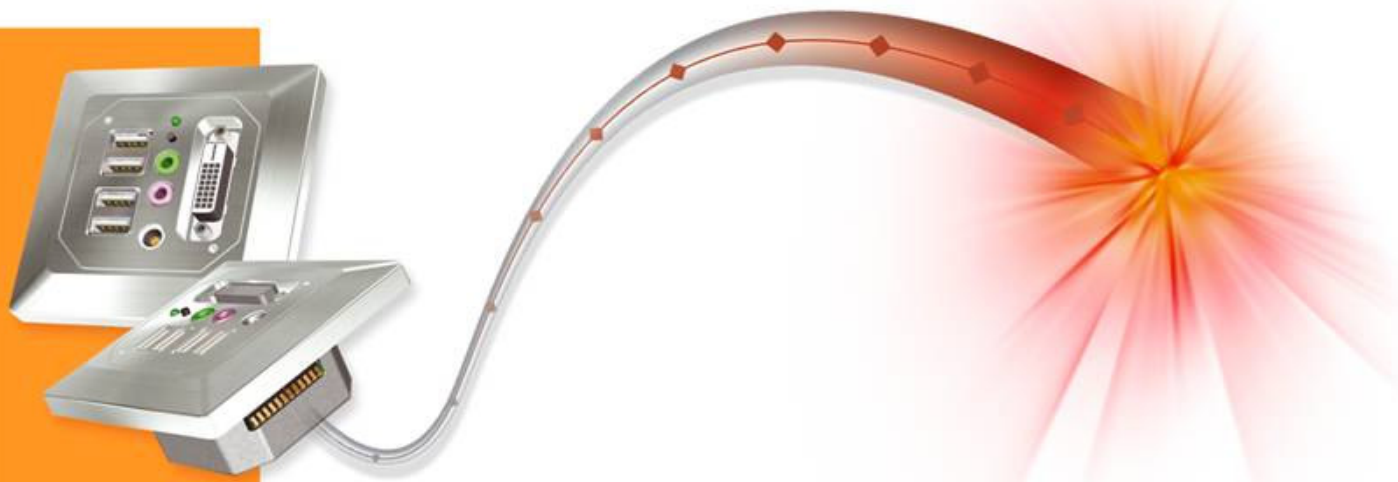
## This is What makes the world's **smallest** desktop!





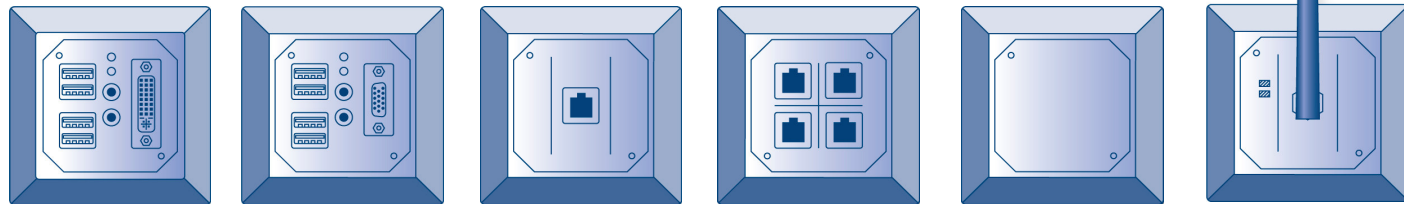
## Highlights:

- Minimum installation, space & wiring
- Highest physical security desktop
- Powered by standard Power Over Ethernet
- Lowest heat and power consumption - just 5W!
- Flexible & high performance thin client
- Best remote management
- Multiple International Patents
- Global Certifications to the highest standards
- Competitive pricing
- Part of *Flex Jack* system



## Flex-Jack and Jack-PC

it's a complete system - not only a thin client!



all the configurations in one standard housing



## Total network deployment & implementation solution

The *Jack-PC* thin clients operate in a *Server-Based-Computing* environment and quickly convert existing enterprise LAN jacks into highly versatile Flex-Jacks that can be easily configured without any additional wiring to perform many roles.

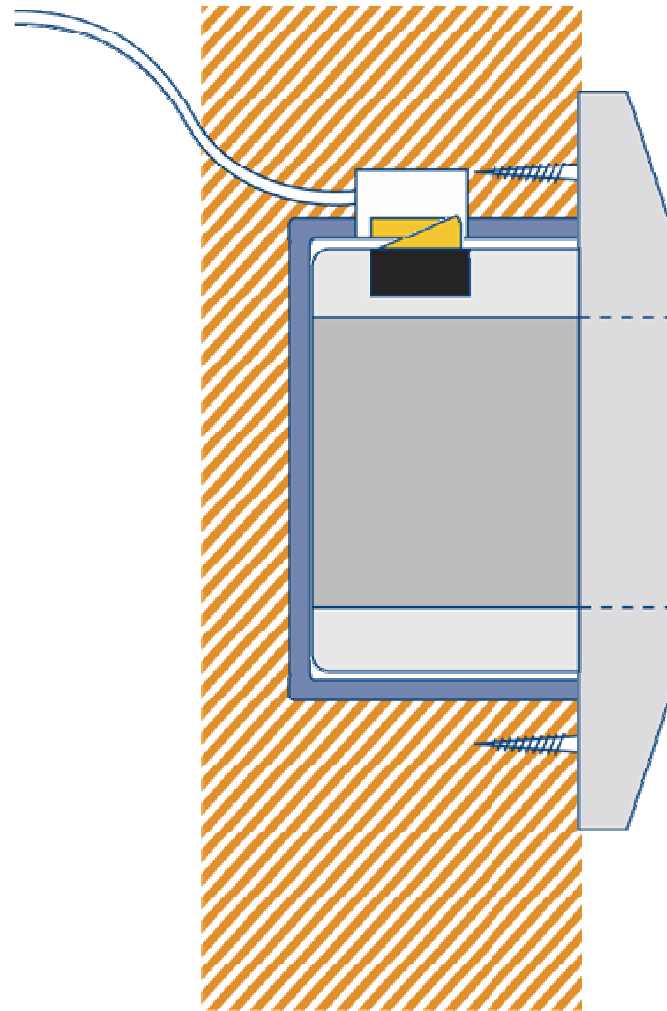


## Installation Process - Existing LAN Jacks

- Remove the jack
- Pull the LAN cable and RJ-45 jack
- Attach jumper cable assembly
- Install the Flex-jack housing
- Plug-in the desired product  
(Xcalibur Global will do the rest for you).



**JACK PC**  
Solution that Break Through (Walls)



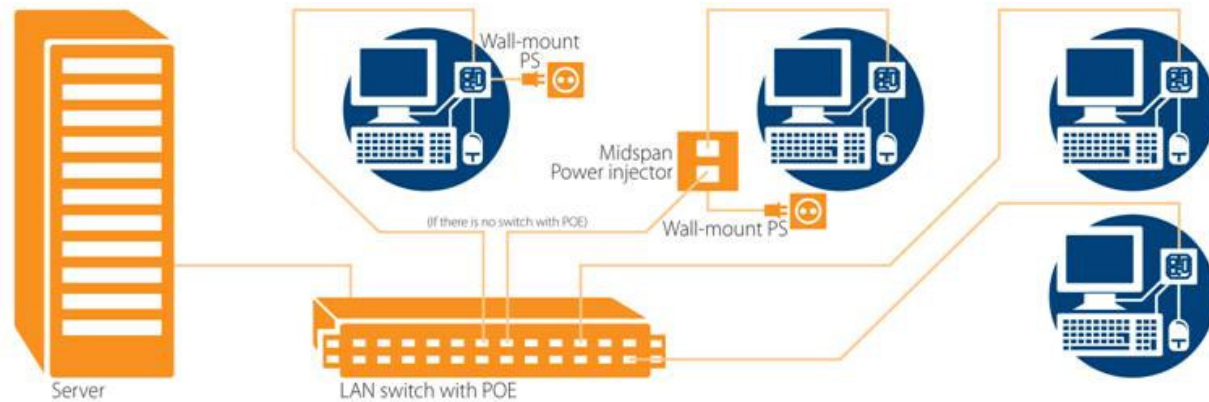
**Installation**





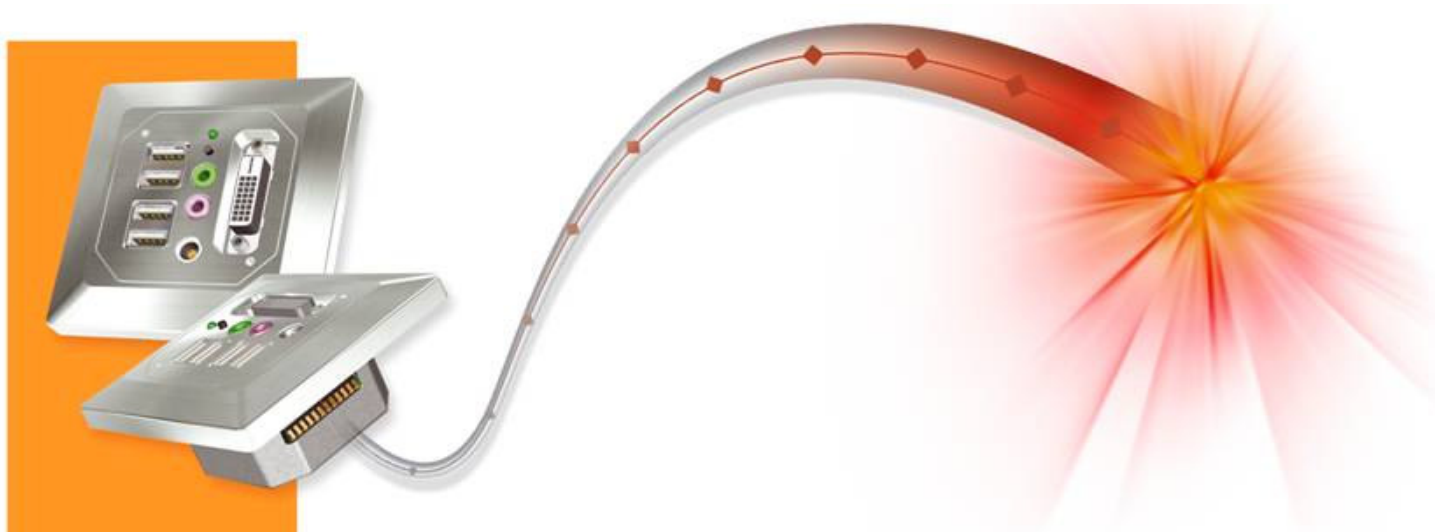
## Installation Process - New LAN Jacks

- Drill a standard jack cutout
- Route and pull the LAN cable end
- Separate individual wires and crimp to contacts
- Install the Flex-jack housing
- Plug-in the desired product  
(Xcalibur Global will do the rest for you).



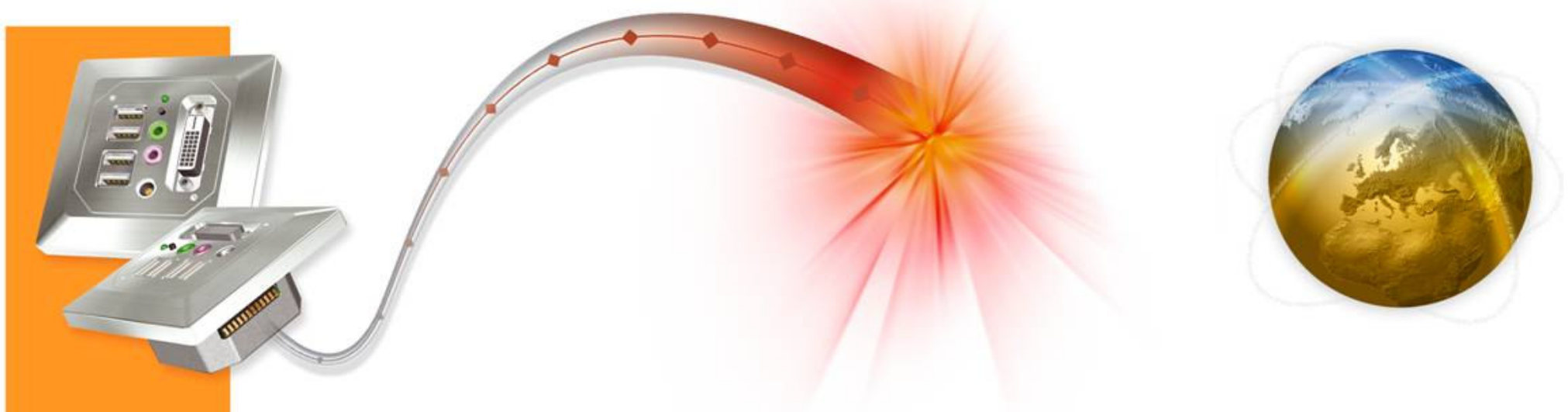
## Jack PC Thin Clients - System Concept

- Connected at the back side through Ethernet cables to the building LAN
- Receive Power-Over-Ethernet through the existing CAT-5 enterprise infrastructure.
- Jack-PC, is the world's lowest power desktop, consumes only 5W at full work mode, which means significant costs-savings to the enterprise.



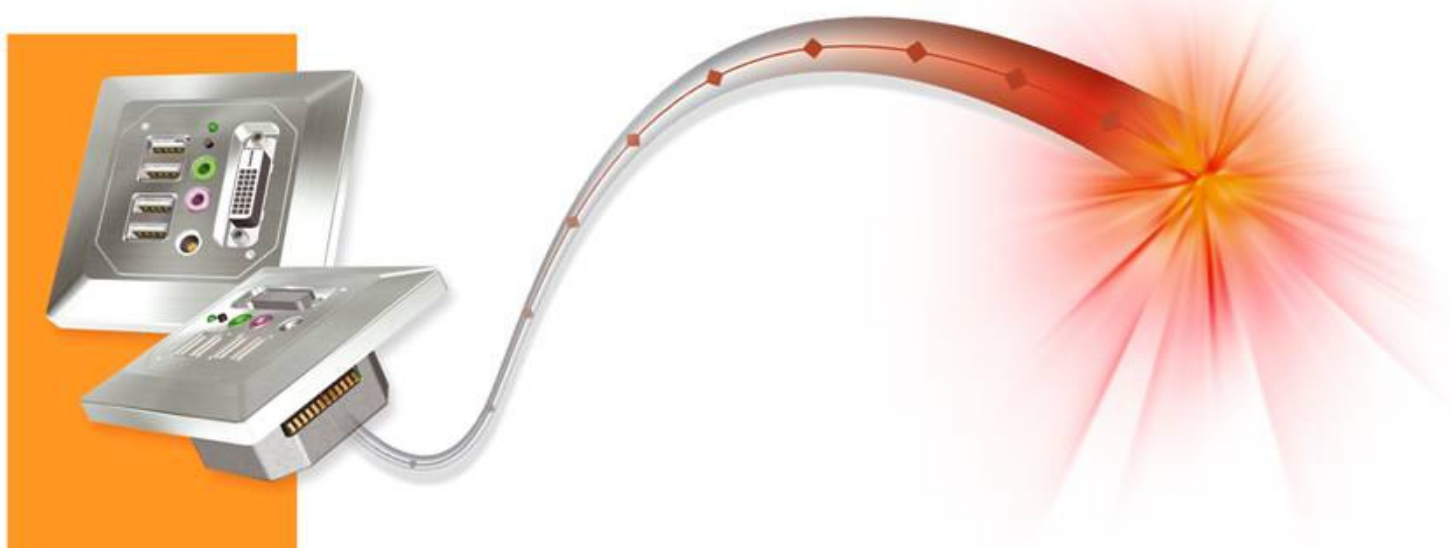
## Jack PC Thin Clients - System Concept (Cont.)

- If Power Over Ethernet not available Mid-span power injectors can be added to complement existing LAN switches.
- Another installation option is to use Jack-PC 6700 devices with external DC power jack enabling standard wall-mounted power supply connection.



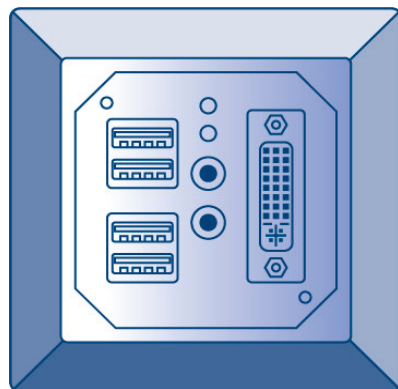
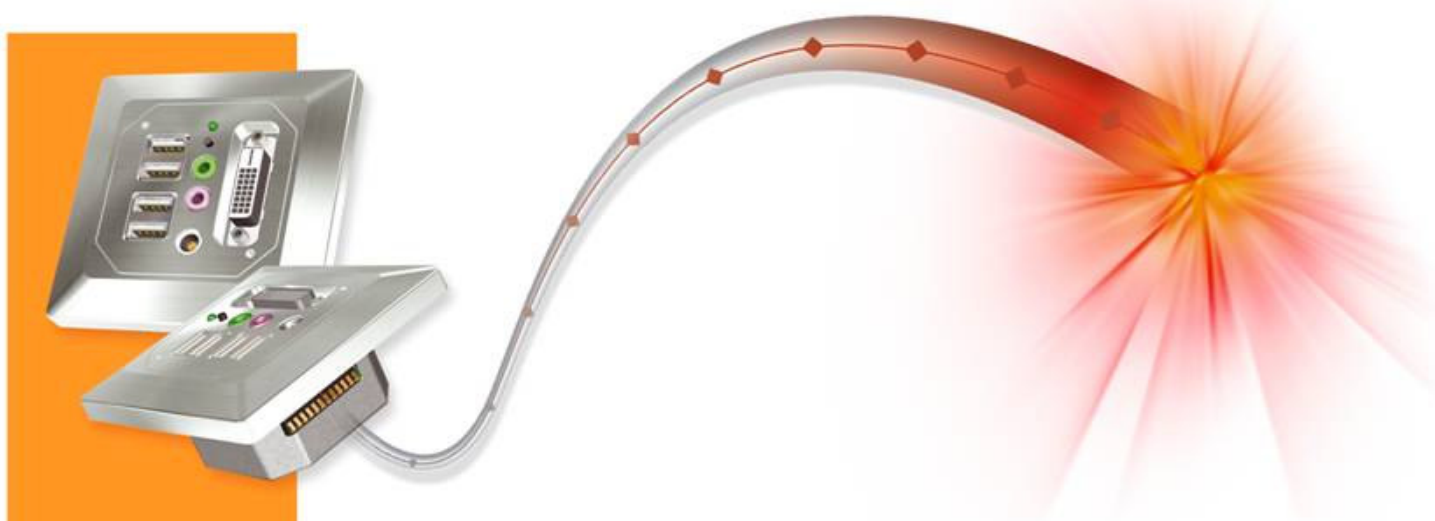
## Jack PC Thin Clients - System Concept (Cont.)

- Jack-PC thin client computers operate in a Server-Based-Computing environment
- They are fully managed by Chip PC Xcalibur Global management software.
- The Xcalibur Global is designed for full control & simultaneous support of thousands of clients & users, while providing fault-tolerance, speed, scalability and ease of management..



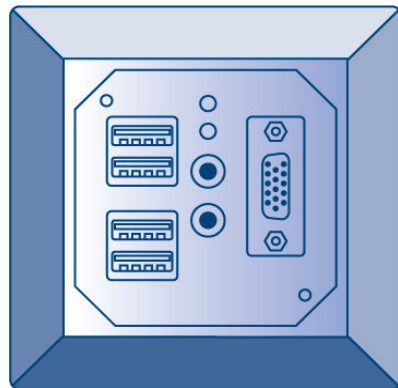
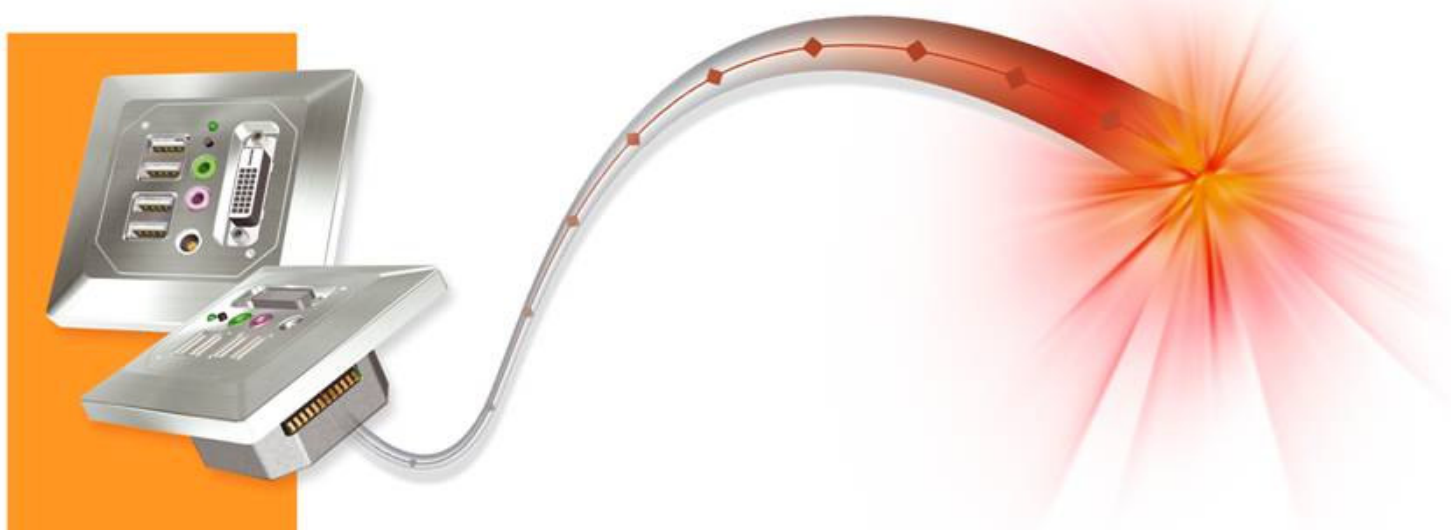
## Jack PC Models

Model	CPU	Equiv. x86	Flash/ RAM	Video Memory	Legacy Ports (Serial/Parallel)	USB Ports	Audio Support	Max Resolution
EFI-6700	AMD Au 1550, 333 MHz RISC	800 MHz	32/64	4 MB (Analog)	N	2	Y	1280x1024 pixels, 16 M (24 bit) colors
EFI-6800	AMD Au 1550, 500 MHz RISC	1.2 GHz	64/128	8 MB (Analog)	N	4	Y	1280x1024 pixels, 16 M (24 bit) colors
EFI-6900	AMD Au 1550, 500 MHz RISC	1.2 GHz	64/128	8 MB (DVI)	N	4	Y	1600x1200 pixels, 16 M (24 bit) colors



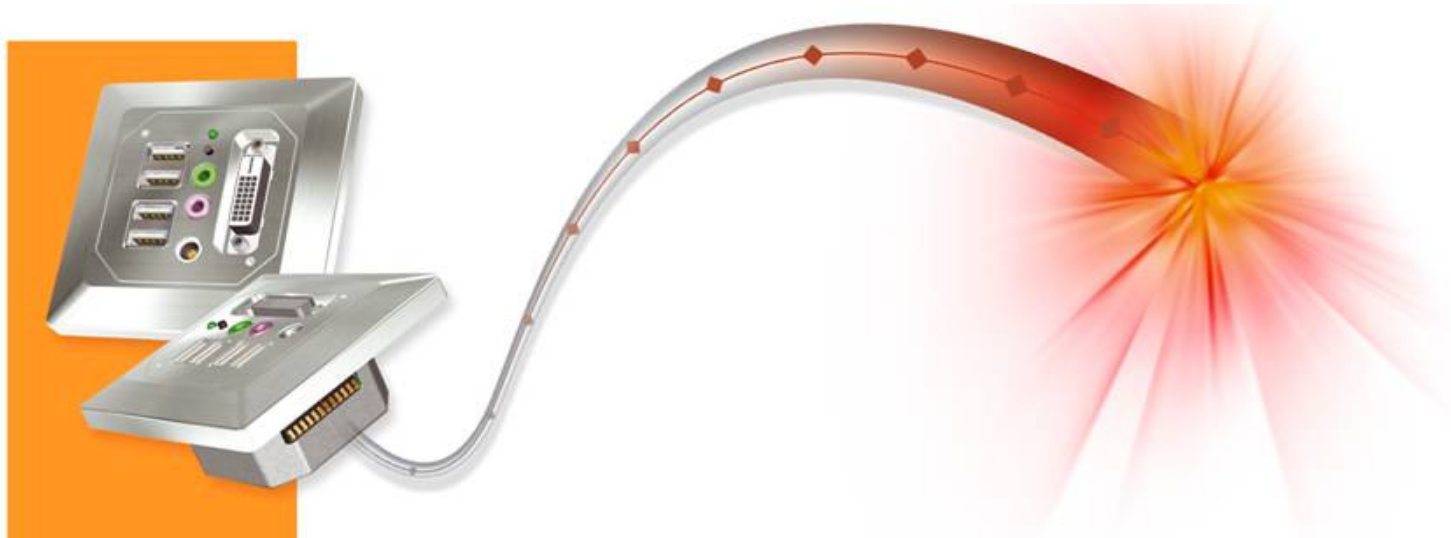
## Jack-PC EFI 6900

- Highest performance Jack-PC
- Support DVI and analog monitors. Dual screen support!!
- Perfect workstation for higher end users
- 4 USB-2 compatible ports
- AMD RISC processor



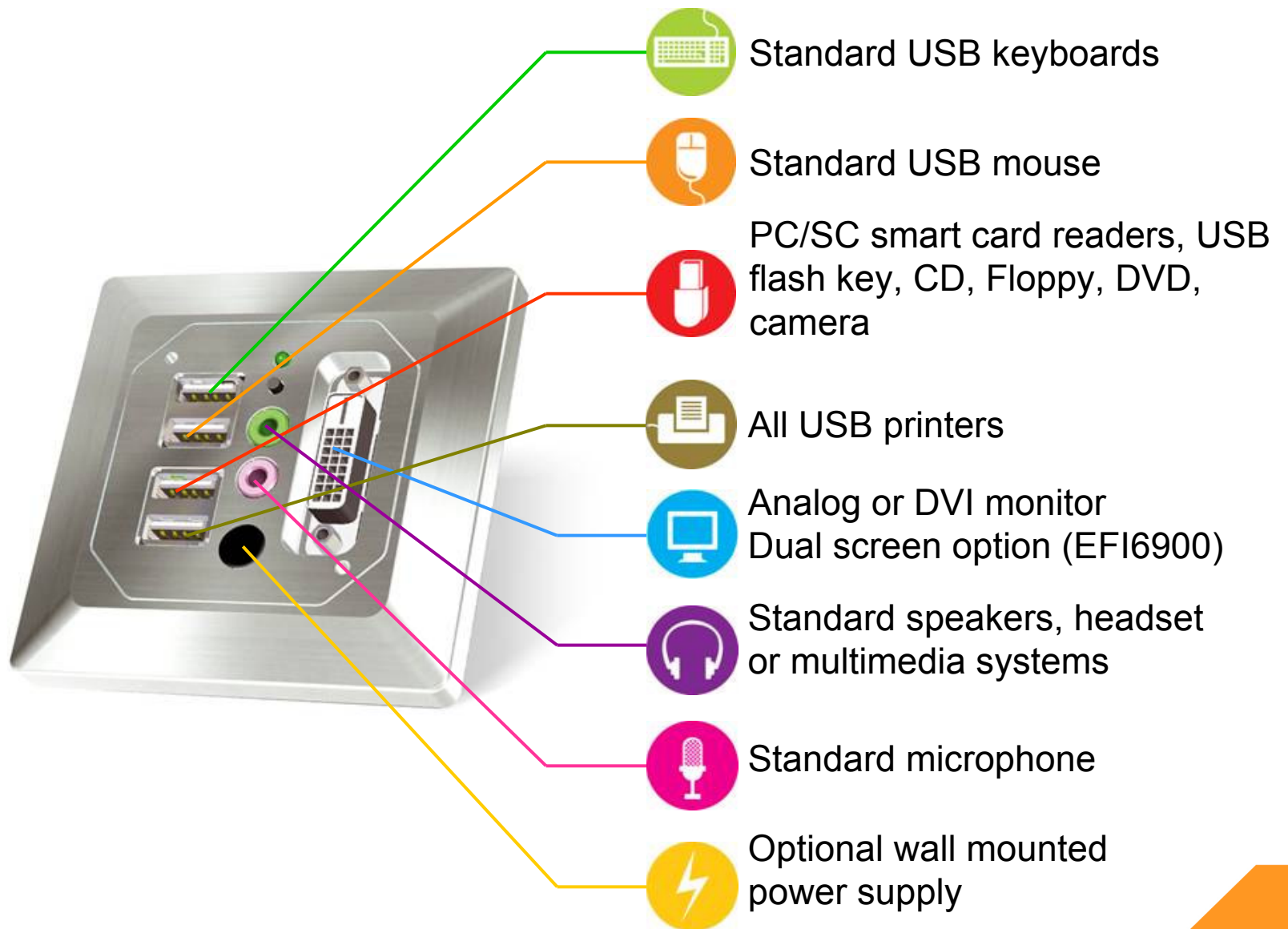
## Jack-PC EFI 6800/6700

- World first desktop in the jack
- Analog video out
- 4 USB-2 compatible ports
- AMD RISC processor
- 6700 – External power
- 6800 – Power-over-Ethernet



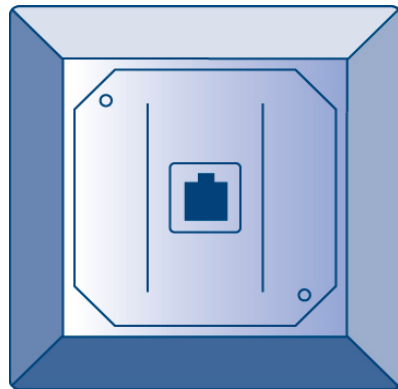
## The Jack-PC supports a wide range of peripherals:

- The *Jack-PC* thin client front panel enables connection of various peripherals, like any enterprise desktop.
- Unlike standard PCs, connected peripherals can be Fully authenticated and blocked if needed.



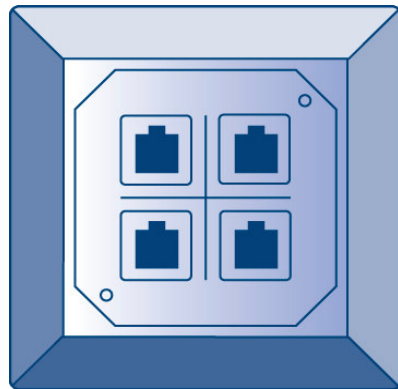
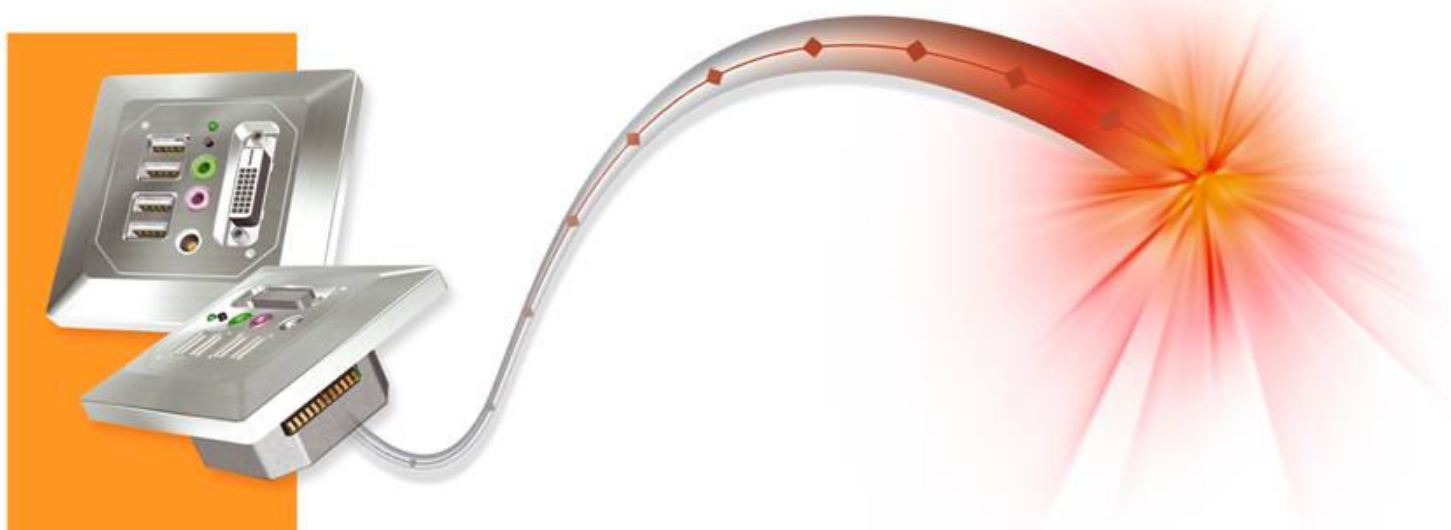


**Flex-jacks patented concept can host many different panels and products:**



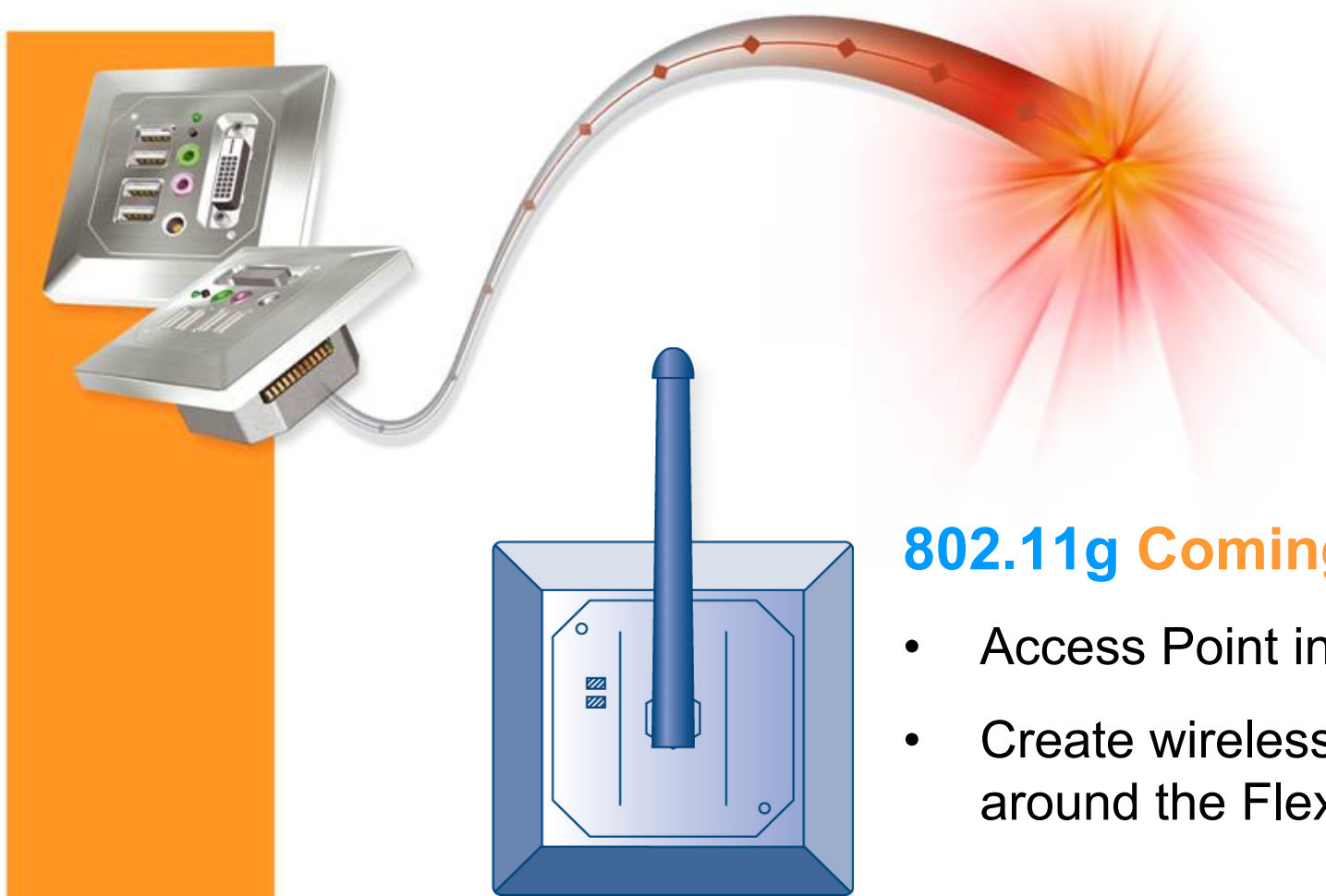
### **LAN Jack**

- Enables connection of IP Phones, PCs, Laptop, network printers etc.



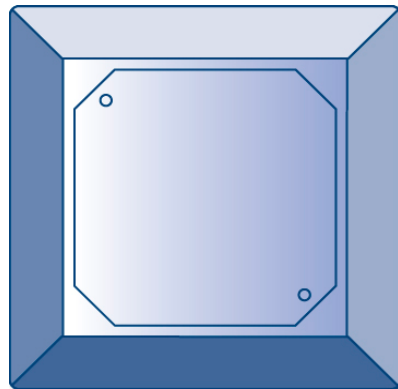
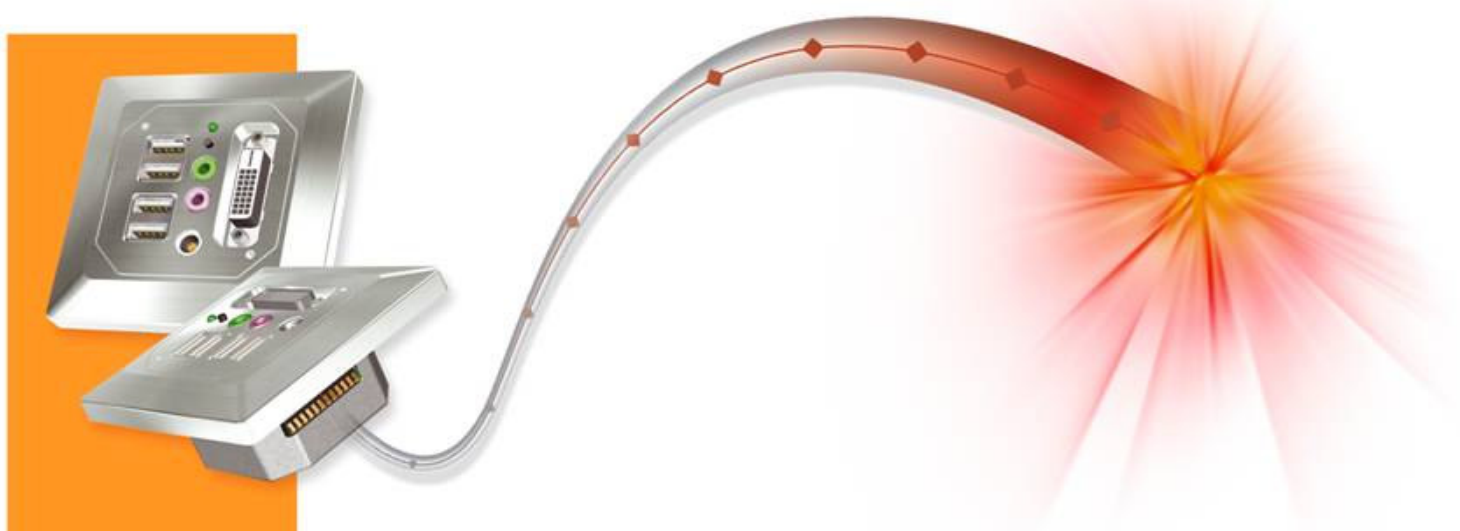
## LAN Jack Coming Soon!!

- 4 Ports Managed switch with Power Over Ethernet downstream ports.



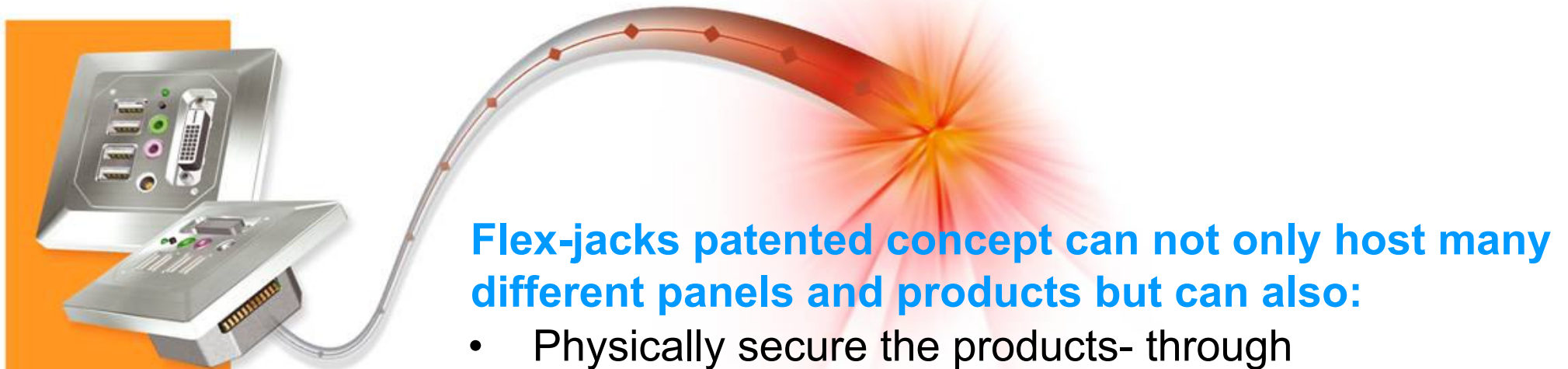
## 802.11g Coming Soon!!

- Access Point in a Jack
- Create wireless hot-spot around the Flex-Jack



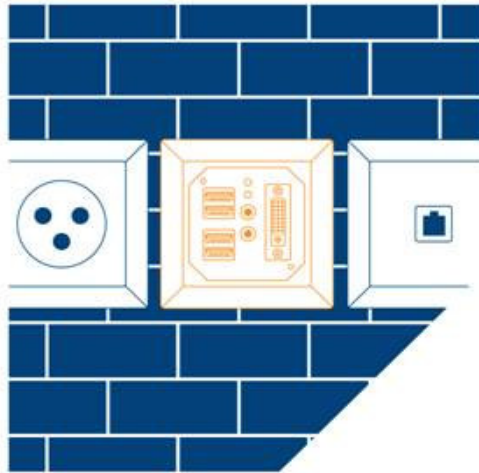
## Blank panel

- To cover unused Flex-Jacks

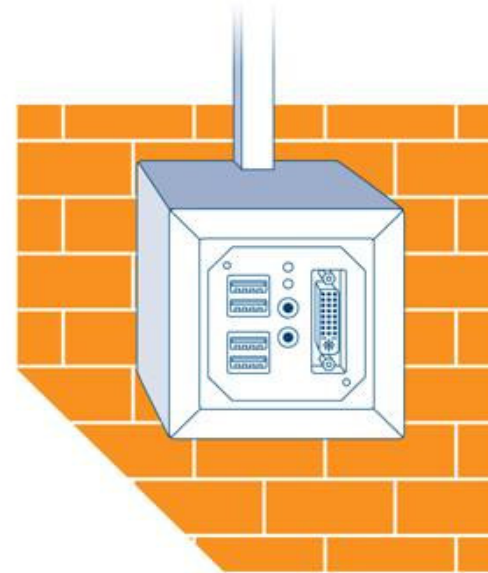


**Flex-jacks patented concept can not only host many different panels and products but can also:**

- Physically secure the products- through mechanical locks and special keys.
- Electronically secure the products using continuous LAN monitoring technology.
- Location memory in the Flex-Jack reports physical location unrelated to the LAN topology.
- Power the products through Power Over Ethernet technology.
- Monitor and configure all Flex-Jacks using the industry's most powerful management tool - the Xcalibur Global system.



Jack-PC in wall installation

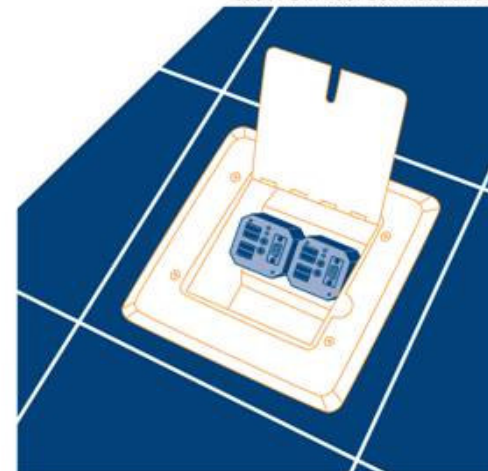


Jack-PC in external box

Jack-PC in furniture installation



Jack-PC in floor box installation





## IEEE802.3 af What is Power over Ethernet?

- Power over Ethernet (PoE) integrates power and data onto one single cabling infrastructure, eliminating the need to have AC power available at all locations.
- Power and Data is integrated onto the same cable, supporting category 5/5e up to 100 meters.
- During power failures, PoE ensures continuous operation of remotely connected devices, such as Chip PC Flex Jacks, IP telephones, wireless LAN access points and IP security cameras, when used in conjunction with a centralized uninterrupted power supply (UPS).
- PoE is already widely adopted in the market, saving up to 50% of overall installation costs by eliminating the need to install separate electrical wiring and power outlets.

## Chip PC Making IT a Complete Solution

Chip PC is the developer and manufacturer of world-class end-to-end solutions, comprised of:

- **Control** - advanced *Xcalibur XP & Xcallibur Global* management software
- **Performance** - *Xtreme PC & Jack PC* micro form-factor, powerful thin clients
- **Security** - highly-secured solutions, including: robust modular image,
  - Smart Card PKI user authentication, VPN server connections,
  - Users & Groups management and much more.

Chip PC Technologies is the largest supplier of thin clients for global & military organizations, recently winning 1st place worldwide in an independent Thin-Clients-Evaluation among 26 thin clients from 9 vendors.