

# PoE Dual-Screen Solutions from Thinlabs



Thinlabs presents a unique, world-first PoE (Power over Ethernet) *Dual-Screen* computing solution powered by a *single* Ethernet cable and a network switch or an injector. A Thinlabs' 24" All-in-One computer is paired with a low energy consuming Full HD Thinlabs 24" Monitor. The monitor is powered via a passthrough cable from the All-in-One that provides AV and power.

Powered by AMD® Ryzen® processors and running Microsoft® Windows® 10/11 or Linux® OS, Thinlabs' PoE computers are powerful, responsive and the smart choice for your edge computing needs.

## Unique Thinlabs PoE Advantages

- **One Ethernet cable** - A single port on a network switch or PoE injector can power a Thinlabs PoE Computer + a 24" full HD screens using a single Ethernet cable.
- **No separate electrical wiring** – Electrical power for the computer and monitors can be carried via a single Ethernet cable.
- **Highly flexible design** – Your device can be up to 100m away from a network cable or power source
- **Low power consumption – less than 50 W of power** when compared to about 160 W for desktop + monitor solution
- **Faster rollout** – deploy your office as fast as it takes for your Ethernet infrastructure can be rolled out.
- **No PAT testing** needed annually – PoE (power over Ethernet) is covered by the low voltage directive and is inherently safe to use. 100W (IEEE's 802.3bt++) Power Injector

## SOFTWARE

### Choice of Operating System:

- Windows 10 / 11 IoT Enterprise LTSB
- Windows Professional 10 /11
- Thinlabs Linux Embedded with Write Filter Protection

All versions support Citrix HDX, VMWARE Horizon View with PCoIP, RDP, Microsoft Remote FX and 2X

## HARDWARE

- AMD® Ryzen® Processor
- 8 GB DDR4 2400 MHz Memory (expandable to 64 GB)
- Flash Medium 128 GB M.2 2280 SSD (expandable to 1024 GB)
- 10 / 100 / 1000 autosensing Megabit Ethernet (optional Internal Bluetooth 4.0 / Wi-Fi a/b/g/n/ac Dual Band Combo)
- Desktop Stand or 75 / 100 mm VESA

## EXTERNAL PORTS

- Gigabit Ethernet - RJ45 port (w/ LED)
- 6 USB ports with ESD Protection support
- HDMI or DP port
- Serial port (optional)
- DC Power In (optional)
- Microphone / Speaker ports

## AUDIO/ VIDEO/ TOUCHSCREEN

- 24" WXGA display, Full HD screen
- PCT touchscreen (Optional)
- Integrated 3D Graphics Engine

## REGULATORY/ ENVIRONMENT COMPLIANCE

- CE / FCC B / EN60950 / RoHS / WHQL
- Operating: 41° F to 95° F
- Storage: -10° F to 140° F
- 90% max, non-condensing cooling
- Energy saving support
- TAA compliant

## POWER

- PoE+, PoE ++
- 12V Power Adapter (optional)

## STORAGE CASE

- IP67 Waterproof
- Buoyant
- Impact resistant
- Compliant with airline ATA-300 specifications
- Stainless Steel Reinforced Padlock hole

## ADDITIONAL OPTIONS

- Barcode Reader, Magnetic Stripe Reader or Biometric Fingerprint Scanner

### Contact:

2270 Cabot Blvd W #500 - Langhorne, PA 19047, USA

Phone: +1 (215) 269-3339, x.101

Email: [info@thinlabs.com](mailto:info@thinlabs.com)

