



## ATEN CM1942

**ProdCode: ATENCM1942ATE**

2-Port 4K DisplayPort Dual Display Mini-Matrix Boundless KVM Switch



[\[Download Images\]](#) (.zip file)

### Features

- 2-Port 4K DisplayPort Dual Display Mini-Matrix Boundless KVM Switch
- One dual-view USB / HDMI console controls two DisplayPort computers and two USB 3.1 Gen 1 peripherals
- Two PC Operation Modes:
  - Single PC Mode – allows content of the PC with current KVM focus to be displayed over both monitors
  - Dual PC Mode – allows content of two PCs to be displayed separately on two monitors regardless of the KVM focus
- Supports superior video quality – resolutions up to 4K DCI (4096 x 2160 @ 60 Hz)
- Boundless Switching – allows the mouse cursor to move across screen borders for quick switching between video sources

With hybrid working evolving to become the standard in the new normal, the key to tackling challenges is to elevate multitasking abilities. When it comes to performing multiple tasks simultaneously, ergonomics is what assures productivity. And when communicating with dispersed remote teams, effective collaboration tools are crucial. Re-imagine your workspace with the CM1942 – a future-proof mini matrix KVM switch featuring flexible and boundless KVM switching between two computers/displays to maximize workstation efficiency. Incorporating speedy peripheral data sharing, audio mixer, multi-screen efficiency and hotdesking agility, the CM1942 promotes a productive yet better normal with streamlined desktop workflows for both desktop tasks and collaborative work.

### **Exceptional 4K Audiovisual Performance**

The CM1942 empowers your desktop operations with connectivity to two DisplayPort computers and two HDMI displays, providing a remarkable user experience with exceptional 4K audiovisual enhancement.

### **Dual-Display Setting to Facilitate Matrix KVM Switching**

The CM1942's dual-display setting simplifies KVM switching in a 2x2 computer/monitor matrix. The main and extended desktops of either computer with the current KVM focus can be displayed over two monitors. Likewise, each computer's content can be displayed on either monitor separately in a crossover configuration as well, regardless of the KVM focus.

### **Intuitive Boundless Switching to Expedite Desktop Operations**

The CM1942 enables quick switching between two computers by allowing the mouse cursor to move across the screen borders onto another screen instantaneously, for easy and straightforward switching between sources.

### **Network Separation**

With agile KVM switching, operations on each PC can be undertaken independently or collaboratively over dual monitors, while network settings with each PC can be different (e.g. Internet and LAN) to enable separated workflows with enhanced data security for transactions that need to be safeguarded and without vulnerabilities, such as in banks or trading centers.

### **Audio Mixer Mode to Enhance Situational Awareness**

Sound can serve as a helpful alert for better situational awareness while multitasking. With the Audio Mixer mode in place, the audio and sound coming from both computers can be mixed up in one output during all desktop operation, regardless whichever computer you're working on at the moment.

## **Flexible Port Selection**

Port switching with the CM1942 is flexible and you can choose from pushbuttons, hotkeys, mouse and the remote port selector, whichever works best for you and your workflows.

## **Peripheral Sharing**

Media and data sharing between computers is fast and effortless via plug-n-play connection (e.g. hard drive, flash drive, printer, etc) to the USB hub on the KVM switch.

## **Applications**

The compact CM1942 is best suited to multitasking operations in any desktop workspace setting where streamlined workflows and collaborations are pursued.

- **Hybrid Worker / Efficient team collaboration**

The desire to re-gain work-life balance has catalyzed into a workforce shift that reflects new priorities and a new flex-focused status quo. Stay flexible and connected with your crew or team members while working remotely is one of the best practices in the new normal. With the Dual PC mode, two different tasks from two computers can be performed separately and simultaneously across two monitors with only one set of keyboard/mouse, sparking work productivity.

- **Hot Desking / Hybrid-Work styled office**

Since the adoption of the hybrid work style has become prevalent, setting up workspaces for different teams or taskforces is being introduced to many enterprises and corporations. Instead of assigned desks, the deployment of the CM1942 helps employees of different shifts learn to share the same workspace or workstation where computers and monitors are preset on the desk and can be plug-n-played in no time to get started right away.

- **Financial Analyst / Intensive data cross-referencing**

The CM1942 is good for those who need increased productivity and high precision for multitasking between two computers to monitor diverse content sources over two displays, such as trading indicators and sales charts for financial and market analysis. In addition, these multi-computer setups can serve as a backup to avoid downtime and financial losses caused by potential

equipment failure.

- **Home Office / Flex for work and entertainment**

As hybrid work continues, renovating a comfortable workspace at home does wonders in helping to maintain work-life balance. Sharing one set of keyboard, mouse and dual displays to switch between work and entertainment across two computer systems provides an effective and innovative way of multitasking in home office.

- **Engineer / Productive software development**

Having a development environment based on a multi-computer-monitor configuration can be a real productivity booster. Separating code editing from building the executable can be efficient when different tasks are undertaken in different computers while examined over two screens for timely checkup and debugging.

- **Computer Graphic Design / Streamlining workflows**

Creative professionals such as multimedia designers, CAD engineers, and videographers often need to multitask between two computers in a cross-monitor setup for data-intensive creative tasks, including image rendering, photo editing, image capturing, and footage editing. This is when the CM1942 comes in handy for, enabling timely switching between two computer systems to uplift work productivity.

**In the box:**

- 1x CM1942 2-Port 4K DisplayPort Dual Display Mini-Matrix Boundless KVM Switch
- 4x DisplayPort cables
- 2x microphone cables
- 2x speaker cables
- 2x USB 3.0 Type-A to Type-B cables
- 1x remote port selector
- 1x power adapter
- 1x user instructions

