CLEARCUBE

Multiple protocol options in a traditional zero client.

Acts like a thin client - secure like a zero.

CD7024 Zero+ Client

IDEAL FOR:

- **State & Local Government**
- **IT Professionals**
- **Military & Defense**
- **Command & Control Centers**
- **Healthcare, Financial, & Insurance**
- **Call Centers**
- **Oil & Gas**

Part Number	Part Description
G0907022	**CD7022 Fiber ZERO+ Client**
G0907024	**CD7024 Fiber ZERO+ Client w CAC reader**

KEY FEATURES

Processor
Intel Atom x5-E3940 quad-core SoC 1.6 GHz to 1.8GHz with built-in Intel HD 500 series graphics processor

Memory Capacity/Type
4GB LPDDR4 dual-channel SDRAM memory, non-ECC

Storage
8GB soldered eMMC

Display/Resolution
Dual: 3840x2160 UHD @60FPS*

I/O Physical
Dual-mode DisplayPort × 2
USB 3.0 × 4
USB 2.0 × 2
3.5mm audio out jack (front) × 1
3.5mm audio in jack (front) × 1
Integrated Speaker × 1
Power jack × 1

Network
LAN: Fiber SFP Module: 100/1000 BASE-X or 10/100/1000 Base-T copper** × 1
Optional WAN: 2.4G and 5G dual-band 802.11 a/b/g/n/ac Wi-Fi (2T/2R) Bluetooth 5.0 integrated wireless
WoL: Supports Wake-on-LAN using magic packet

Accessories/Add-Ons
VESA mount, DVD writer, 7 Port USB Module

TECHNICAL SPECS

Weight
0.5 lbs (295 gr)

Dimensions
6.5 (H) × 1.5 (W) × 5 (D) in

Temperature
Operating: 32 to 104 °F (0 to 40 °C)
Storage: -4 to 140 °F (-20 to 70 °C)

Environment
Relative: 10% to 90% non-condensing
Storage: 5% to 95% non-condensing

Power
DC 19V/3A external power adapter
Max Power Consumption: 12.8W

Physical Characteristics
Metal housing

Operating System
Linux - No OS , IGEL OS (Optional)
ClearCube Cloud Desktop OS (Optional)
Microsoft Windows 10 IoT Enterprise (Optional)

Regulatory Compliance
TAA, CE, FCC, UL, TUV-GS, CCC, GOST/EAC/CU, IC & CAN, ICES-3(B)/NMB-3(B), A-Tick/RCM, RoHS, BSMI & NCC

*Max resolution may vary, depending on operating system **Onboard RJ45 option available (MOQ 100 units)

BENEFITS

Delivers full desktop computing experience via an IP connection to Blade PCs or VMware Horizon desktop with no noise, less heat, and in a small space

Soldered down eMMc improves data and hardware security.

Supports Citrix® Xen Desktop, VMware® View with Blast Extreme and PCoIP®, and others.

Centralizes PC resources in a single, secure location; increases security of physical and data assets

7 USB ports add-on and DVD drive add-on available

Rear View

SECURITY FEATURES

Security features include an integrated PKI-approved CAC reader that supports 5V, 3V, and 1.8V smart cards for enhanced user-to-network and user-to-application authentication. The 100/1000 BASE-X SFP fiber-optic network module (with LC optical interface) provides increased data security and integrity, and an integrated Kensington® Security Slot provides added anti-theft security. Firmware and data security is hardened with TPM 2.0 IC support and by featuring an embedded, non- removable eMMC flash memory soldered directly to the ZERO+ Client printed circuit board. Clearcube Desktop Zero Clients are fully TAA Compliant.

SECURE, NON-REMOVABLE ATOM X5-E3940 QUAD-CORE PROCESSOR

Designed with users in mind, CD7022/24 ZERO+ clients are powered by efficient Intel Atom x5-E3940 quad-core processors with built-in Intel HD 500 series graphics and up to 64GB soldered eMMC storage to deliver excellent computing, ultra-high definition graphics and PC-like user experience. CD7022/24 ZERO+ Clients are small endpoint devices that enable users to work on powerful computers or VMs that are remotely located in secure data centers without compromising end user experience or productivity, and providing IT Administrators a reliable device that requires minimal administration and support and the flexibility to choose from a wide range of remote display protocols.

FEATURE RICH, MULTIPLE PROTOCOLS

The CD7022/24 I/O ports include four USB 3.1 ports and two USB 2.0 ports (six total), one GbE LC fiber-optic LAN port, 3.5 mm audio input and output jacks, and two dual-mode DisplayPort 1.2 (DisplayPort++) connectors to support up to two 4K full motion video displays. DisplayPort++ connectors accept passive adapters to deliver HDMI and DVI signals. Expansion options include an internal WLAN module (Wi-Fi 2.4G and 5G, Bluetooth 5.0) and an optional DVD drive/writer or 7 USB ports add-on.

Ordering Information CALL: (866) 652-3500

Email: sales@clearcube.com to order or for more information

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