

# ClearCube® TC8900 Thin Client

## *Cross Domain & Cyber Security Solution RTCS Certified*

### Featuring AMD® Athlon II™ XLT 2.8Ghz Processor

The TC8900 is a powerful thin client that supports up to quad monitors with fiber connections and CAC reader support for command and control environments running 3D video applications such as Google Earth®, ArcGIS®, ESRI Suite®, FalconView® and other Government Off The Shelf (GOTS) applications. TC8900 is highly efficient with a smaller footprint, energy, and cooling requirements than a traditional PC. The

TC8900 can easily connect to centralized computing resources which delivers benefits including: reduced operating costs, simplified resource deployment and management, maximized uptime, and enhanced security. The TC8900 also enables you to experience the benefits of a secure Linux operating system and connect to a remote or virtual desktop infrastructure at an affordable cost.



### PC Features with Greater Flexibility

TC8900 thin clients simplify deployments by supporting a wide range of remote PC protocols as well as peripherals. TC8900 thin clients deliver a high-end PC experience over a network for one or multiple monitors. TC8900 thin client is a flexible solution that can be configured with a variety of memory, graphics, and peripheral options. Fiber network connectivity is supported with dual and quad display configurations. In addition, 8 GB of CFast flash memory is standard on all TC8900s and an integrated CAC reader is optional.

### High Performance Graphics

TC8900 thin client can be factory-configured with quad monitor support using an Nvidia Quadro NVS 420 GPU that delivers industry leading thin client graphics performance for stunning 2D and 3D rendering and supports up to four 30" displays at 2560x1600 resolution.

### Comprehensive Protocol Support

ClearCube TC8900 can be configured to support numerous remote PC protocols including PCoIP, Citrix HDX and Microsoft RemoteFX.

### TAA Compliant, Certified, and Easy To Acquire

TC8900 thin clients are TAA compliant and have been certified for use in trusted environments. They are available on GSA schedule, and from Federal Systems Integrators and strategic ClearCube resellers.

### Benefits

- AMD® 2.8GHz Athlon II™ XLT processor provides low power consumption
- Low power consumption reduces heat and operating expenses
- Compact form factor improves workspace ergonomics
- Centralized management capability reduces costs and complexity
- TAA compliant
- Lower total cost of ownership
- Run 3D graphics at 2560x1600 resolution

# DATA SHEET

## Specifications

The ClearCube TC8900 Out Performs the Competition:

Thin Client Model	Processor	RAM	Memory	Video	Fiber Optics	Quad Monitor Support	CAC Reader
HP GT 7725	2.3 GHz Turion x2	2GB RAM (256MB useable for video)	1GB Flash	Onboard Radeon 3200	Fiber option using Allied Telesis NIC	Quad using Radeon	No integrated CAC
<b>ClearCube TC 8900</b>	<b>2.8 GHz Athlon II x2</b>	2GB RAM ( <b>640MB</b> useable for video)	<b>8GB CFast Flash (3x faster than compact flash)</b>	Onboard Radeon 3200	Fiber option using Allied Telesis NIC or internal media converter	Quad using NVIDIA	<b>Option: Integrated CAC reader /hardware token</b>

<b>Dimensions (LxWxH):</b>	11.50" x 2.750" x 8.00"
<b>Processor:</b>	AMD® Athlon II™ Dual Core XLT 2.8 GHz
<b>Operating System:</b>	Red Hat Enterprise Linux 5.5, Red Hat Enterprise Linux 6.0
<b>System Memory:</b>	PC533/667/800 DDR2 SDRAM, non-registered, non-ECC memory 2 GB
<b>Flash Storage:</b>	8 GB Cfast flash memory
<b>Distance:</b>	Unlimited (performance varies with network latencies)
<b>Video:</b>	AMD 780E chipset integrated HD3200 graphics that supports full DirectX10 Supports dual concurrent displays Supports DVI-I, DVI-D and HDMI display interface  Optional Quad Monitor Support: PNY VCQ420NVS-X16-DVI-PB Quadro NVS 420 512MB (256MB per GPU) 128-bit (64-bit per GPU) GDDR3 PCI Express x16 Low Profile Workstation Video Card
<b>Audio:</b>	SB710 built-in high definition audio controller with Realtek codec ALC888 for 7.1 CH audio
<b>Expansion:</b>	1x PCI-E(x16) slot
<b>Connections:</b>	<ul style="list-style-type: none"> <li>• Eight USB 2.0 ports (two on front and six on rear)</li> <li>• Audio in and audio out</li> <li>• Two 10/100/1000 Mbps RJ-45 LAN ports</li> <li>• One DVI-D port</li> <li>• One DVI-I port</li> <li>• One HDMI port</li> <li>• One PS2 port</li> <li>• Six HDA Audio jacks</li> </ul>
<b>Power Supply:</b>	150W Internal Power Supply
<b>Environment:</b>	<ul style="list-style-type: none"> <li>• Operating temperature: 0° to 35° C (32° to 95° F)</li> <li>• Storage temperature: -20° to 60° C (-4° to 140° F)</li> </ul>
<b>Options:</b>	1 GB Fiber Connector – RTCS approved Allied Telesis AT-2972SX-901 or internal media converter Integrated SIPR token CAC reader

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