

# CLI AR9000 Feature Benefits



Feature	Benefit
<b>Ruggedized Form Factor</b>	The AR9000 enclosure is without air vents and assembled from precision rugged aluminum making it ideal for harsh environments.
<b>Modular Form Factor</b>	The AR9000 is housed in a rugged modular enclosure that can lay flat or stand vertically with a supplied stand. It is compact enough to be mounted to the rear of any monitor equipped with a VESA mounting interface. The dimensions (D x W x H) are: 7.06" x 5.06" x 2.25" Weight: 3.0 lbs. (1.360kg)
<b>Quad Core CPU</b>	The AMD V1605B Quad Core, 8-Thread, 2.0GHz (Burst to 3.6GHz) Ryzen™ embedded is ideal for supporting more CPU intensive applications. Improved performance of the Windows 10 IoT OS.
<b>Graphics Support</b>	Equipped with the AMD Radeon™ Vega/GFX9 Graphics GPU providing 4K video for up to 4 monitors at 60Hz 3840 x 2160 resolution.
<b>MS Windows 10IoT Operating system</b>	Windows 10IoT Enterprise is the embedded version of Windows 10 that powers the AR9000 thin client. Windows 10IoT Enterprise supports any Windows applications. Windows 10IoT is designed to work with Microsoft Azure IoT services.
<b>VDI Apps</b>	Preinstalled VDI apps such as Horizon View, Citrix Workspace, Microsoft Remote Desktop
<b>Terminal Emulation</b>	CLI's TermPro is installed and supports TN5250e (IBM AS/400), TN3270e (IBM Mainframe), and ASCII (Unix/Linux Systems) emulation sessions with one or more hosts. Enhanced User Interface (TN5250e Display Only). Ericom PowerTerm is an available option and requires license purchase.

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<b>Simplified Management</b>	The “locked down” nature of the Windows 10IoT operating system and the UWF (unified write filter) will reduce the need to update/maintain software on the thin client platform. If required to update and manage software assets, CLI’s Device Manager tool is fully compatible and a desktop license is included in the purchase of each AR9000.
<b>Remote Management</b>	Remote management can be accomplished with CLI Device Manager (DevMan). DevMan is a comprehensive management software tool that provides a powerful, yet simple and easy way to manage the complete family of CLI thin clients from a single, centralized management console (license is included with hardware purchase). CLI’s MCDM is also available as device management option—a cloud based management tool offered for a one time license fee.
<b>Low Power Consumption</b>	The measured wattage for the AR9000 is as follows: <ul style="list-style-type: none"> <li>▪ Powered off (power connected but not powered on through the button) 0.30 Watts</li> <li>▪ Peak (during boot or high usage) 3.25 Watts</li> <li>▪ Static (sitting at desktop) 0.75 Watts</li> </ul> The AR9000 will provide “green” energy savings benefits and reduced cost of ownership with low power consumption.
<b>Dual Network Interface</b>	The common networking protocols are supported with two 10/100/1000 Base-T Fast Ethernet J45 connectors.
<b>Optional Dual Band Wi-Fi™</b>	The Intel Dual Band Wireless-AC 7265 802.11ac, 2 x 2 Wi-Fi and Bluetooth adapter lets you move at the speed of life with 3x faster speed (up to 867 Mbps) than 802.11n Wi-Fi, more capacity for more devices, better performance at further distances, improved reliability for fewer dropped connections, and lower power consumption for longer battery life. Intel or Atheros options are available.

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<b>Dual Mode Bluetooth 4.2</b>	Bluetooth v4.2 standard is the creation of dual-mode capabilities that allow for classic Bluetooth operation as well as Bluetooth low energy support – the best of both worlds.
<b>M.2 Expansion Slot</b>	Expansion for Storage, GPU or Wi-Fi™ cards can be plugged into the M.2 slot. When using the PCI bus instead of the SATA bus, M.2 devices can transfer data at anywhere from 50% to approximately 650% faster than standard SATA, depending on the capabilities of the motherboard and the M.2 card itself.
<b>Interface Options</b>	Peripheral flexibility with 3 USB 3.0 ports located in the front and back plus 2 USB 2.0 ports located in the back of the thin client.
<b>Legacy Ports</b>	Two Serial ports provide connectivity for any legacy equipment that users may need to connect to the AR9000.
<b>SATA Flash Drive</b>	The SATA, a high-speed interface that will dramatically transform your computing experience. You're in for a whole new world of fast, courtesy of the SATA Flash drive