

CLI JR8800 Feature Benefits



Feature	Benefit
Ruggedized Form Factor	The JR8800 enclosure is without air vents and assembled from precision rugged aluminum making it ideal for harsh environments.
Modular Form Factor	The JR8800 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 an optional VESA mounting interface. The dimensions (D x W x H) are: 5.3 in x 1.0 in x 7.2 in Weight: 1.7 lbs.
Dual Core 4 Thread CPU	The AMD AMD Ryzen™ Embedded R1505G 2.4GHz (Max 3.3GHz) 2 core 4 threads “Zen” cores Ryzen™ embedded processor is ideal for supporting more CPU intensive applications. Improved performance of the Windows 10 IoT and Linux OS.
Graphics Support	Equipped with the AMD Radeon™ Vega 3 Graphics GPU providing 4K video for up to 3 monitors at 60Hz 3840 x 2160 resolution.
MS Windows 10IoT Operating system	Windows 10IoT LTSC Enterprise is the embedded version of Windows 10 that powers the JR8800 thin client. Windows 10IoT Enterprise supports any Windows applications. Windows 10IoT is designed to work with Microsoft Azure IoT services.
VDI Apps	Preinstalled VDI apps such as Horizon View, Citrix Workspace, Microsoft Remote Desktop
Terminal Emulation	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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Simplified Management	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 JR8800.
Remote Management	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.
Low Power Consumption	The measured wattage for the JR8800 is as follows: <ul style="list-style-type: none"> ▪ Powered off (power connected but not powered on through the button) 0.30 Watts ▪ Peak (during boot or high usage) 3.25 Watts ▪ Static (sitting at desktop) 0.75 Watts The JR8800 will provide “green” energy savings benefits and reduced cost of ownership with low power consumption.
Dual Network Interface	The common networking protocols are supported with two 10/100/1000 Base-T Fast Ethernet J45 connectors.
Optional Dual Band Wi-Fi™	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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Dual Mode Bluetooth 4.2	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.
M.2 Expansion Slot	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.
Interface Options	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.
M.2 SSD	The M.2, a high-speed interface that will dramatically transform your computing experience. You're in for a whole new world of fast. Storage ranges from 16GB to 512GB depending on JR8800 OS selection.
CLI LX64 Linux Operating System	CLI's 64-bit Linux operating system is based on the Ubuntu open source desktop platform. The Ubuntu OS supports many of the same applications as Windows. Chrome, Firefox local browser, Libre Office suite to name a few. Applications can be added and updated using SPM.