

CLI JC7102 Feature Benefits



Feature	Benefit
Ruggedized Form Factor	The JC7102 enclosure is without air vents and assembled from precision rugged aluminum making it ideal for harsh environments.
Modular Form Factor	The JC7102 is housed in a 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: 1.0 x 5.3 x 7.2" Weight: 1.7 lbs. (0.9kg)
Quad Core CPU	The AMD Quad Core SOC, GX-412 Processor at 1.2GHz Clock speed is ideal for supporting more CPU intensive applications. Improved performance of the WES 7 and Windows 10 IoT OS with 64 bit architecture.
Graphics Support	Equipped with the AMD Radeon™ R3E GPU providing QHD graphic performance with 2560 x 1600 resolution. Dual video is supported with DVI + DP video ports. A DVI-I to VGA adapter is included in the box. HDMI can be supported with a DVI to HDMI adapter cable (not included).
MS Window Embedded Standard (WES7) Operating System	WES7p based on the Windows 7 OS will have strong application compatibility for drivers and applications. It brings a lot of new features the most noticeable will be: Internet Explorer 11, Windows Media Player 12, Remote Desktop Protocol 7, Silverlight 3, .NET Framework 3.5, SP1. It supports x64 architecture and the capability to address 4GB or higher DRAM.
MS Windows 10 IoT Operating system	Windows 10 IoT Enterprise is a full version of Windows 10 that powers the JC7102 thin client. Windows 10 IoT Enterprise supports both Universal Windows apps and Classic Windows applications. Windows 10 IoT is designed to work with Microsoft Azure IoT services.

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CLI LX3 Linux Operating System	CLI's 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 an App Store.
MS CE6 Operating System	The CE6 operating system has limited functionality when compared to Windows 10 or Linux but provides an economical solution to run terminal emulation and use the JC7102 as a legacy "green screen" terminal. CLI's TermPro emulation suite or Ericom PowerTerm [®] are supported. Both emulation suites support the IBM 122-key keyboard.
Simplified Management	The "locked down" nature of the WES operating system 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 JC7102.
Low Power Consumption	The JC7102 draws 10 watts of power during operation. The JC7102 will provide "green" energy savings benefits and reduced cost of ownership with low power consumption.
Network Interface	The common networking protocols are supported with a 10/100/1000 Base-T Fast Ethernet NIC. Internal 802.11b/g/n Wi-Fi™ is available as an option. TCP/IP with DNS, DHCP and PPP are supported.
Interface Options	Peripheral flexibility with 2 USB 3.0 ports located in the front and 4 USB 2.0 ports located in the back of the thin client.