



VERSO 1214

12" Vehicle-Mount Computer



Built for the **Port Yard**, Ready for Anything

The optimal container terminal computer that delivers

From gate to stack and crane to cab, the VERSO 1214 is purposebuilt to handle tough container terminal operations. Engineered to withstand salt, sand, or harsh weather, constant vibration, and round-the-clock shifts, it provides reliable performance across the terminal. It is designed to keep terminal operations moving – boosting capacity, productivity, and container throughput.

Tough build and rugged durability you can count on

With an ultra-durable aluminum chassis, minimal cabling, and board-to-board connectors, the VERSO 1214 is tested to withstand shock and vibration and as well as extreme temperatures. Its IP65 rating ensures full dust protection and resistance to water jets.

The virtually unbreakable JLT PowerTouch™ display features a grid of nearly invisible wires and hardened glass for superior **resilience** to wear and tear. A dock-free design eliminates fragile connections.

Fast. Reliable. Always connected. Protected to last

In busy terminals, the VERSO 1214 ensures low-latency, high-reliability data for container throughput with advanced Wi-Fi, 4G LTE, and GPS/GLONASS for real-time communications and precise container positioning. Built-in high-sensitivity planar Inverted-F Antenna (PIFA) keep WiFi connections stable even over long distances and obstructed and congested areas. JLT rugged vehicle-mount computers are designed for long-term performance, and some units have operated for over 15 years. With in-house development and tech-forward engineering, the VERSO 1214 is future-ready and upgradeable delivering exceptional value from day one.

Key Features

- ✓ Windows 10 and 11 IoT Enterprise LTSC with security updates until 2034
- ✓ 12" XGA LED display with the smallest footprint in its class
- ✓ Intel® x6413E Quad Core processor
- ✓ IP65 dustproof and withstands low-pressure water jets from all directions
- ✓ Virtually unbreakable JLT PowerTouch™ display
- ✓ Dual-diversity PIFA WLAN antennas
- ✓ Integrated DC/DC with UPS battery solution
- ✓ Designed according to military standard MIL-STD 810G

Highlights



Dock-free, ruggedized design

The one-piece non-docking solution withstands shocks, vibrations, and harsh weather conditions and remains reliable and secure in container terminal environments.



Reliable connectivity and data transfer

Equipped with the latest connectivity technology and highly sensitive antennas, it delivers ultra-reliable, low-latency connectivity and real-time performance in busy, crowded container terminals.



Protected investment

Rugged from the inside out to endure, the VERSO 1214 delivers long-term value with reliable performance, upgradeable technology, and proven durability in the harshest environments.

Use Cases

- ✓ Ship to Shore Cranes (STS)
- ✓ Rubber Tired Gantry (RTG) and Rail Mounted Gantry (RMG) cranes to run the Terminal Operating System (TOS) application.
- ✓ Reach stacker, forklift and straddle lift operations for container and port yard management.
- ✓ Terminal asset management including crane positioning, street truck positioning and identification.



www.jltmobile.com

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Base Unit

Processor	Intel® x6413E Quad Core
Memory	8GB DDR4 (max 32GB)
Display	12.1" XGA LED 1000 NIT 12.1" XGA LED 500 NIT Capacitive touch screen with JLT PowerTouch™ technology and hardened glass

Storage

SATA	CFast 60GB, 120GB, 240GB
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RF Options

Radio	Dualband WLAN 802.11ax, 802.11a/b/g/n/ac, MU-MIMO supported Bluetooth v5.2 4G (LTE) up to 100 Mbps download speed (optional)
GPS	A-GPS/GLONASS/BEIDOU (optional)
Antennas	WLAN dual diversity antennas (PIFA) External SMA connectors for 4G and GPS User configurable external or internal WLAN and Bluetooth antennas

Interfaces

Ports	4x USB 2.0 1x Ethernet 10/100/1000 1x RS232 with 5V
Speakers	Waterproof stereo speakers HD audio
Buttons	Power LED dimming +/-

Security

TPM Module

Power Supply

Input	18-60 VDC isolated 9-36 VDC unisolated
UPS	Internal battery for graceful shut down at unexpected power outages

Operating System

Windows 11 IoT Enterprise LTSC
Windows 10 IoT Enterprise LTSC

Physical Characteristics

Dimensions	305mm (w) x 240mm (h) x 59mm (d) 12 inch (w) x 9.4 inch (h) x 2.3 inch (d)
Weight	3.5 kg, 7.7 lb

Environment

Operating Temperatures	-30° C to 55° C / -22° F to 131° F
Storage Temperatures	-35° C to 75° C / -31° F to 167° F
Humidity	10–95% RH
Connector Sealing	Roxtec sealing cable protection (optional)
Dust and Water	IP65 - IEC 60529:2001
Vibration	5–500 Hz/0.04 m/s ² XYZ - IEC 60068-2-64 Fh
Shock	30g for 11ms XYZ - IEC 60068-2-27
MIL-SPEC	810G in applicable areas