



VERSO 12

12" Vehicle-Mount Computer



Highest Performance in the Harshes Environment

VERSO 12™ rugged computers – ideal for running thick client applications

The VERSO 12 is perfect for companies running thick client applications that require high computing power and reliable operation in tough environments. It suits industries such as mining, agriculture, defense, forestry, and ports.

Highest performing rugged computers on the market

Featuring a powerful combination of 11th-gen Intel® Core™ i7 processor, disc memory and storage capacity, the VERSO 12 offers unmatched performance for vehicle-mount computing. It handles demanding applications like 3D mapping, image processing, graphical animations, video analysis, and real-time data processing.

The virtually unbreakable touchscreen with JLT

PowerTouch™ display technology provides the best durability and user experience, while its flush front is simple to keep clean. The VERSO series is built on the successful JLT computer platform that has been the base for many delivered computers.

Key Features

- ✓ 11th-gen Intel® Core™ i7-1185GRE
- ✓ Standard 16GB configuration of fast, efficient DDR4 memory (optional up to 32GB)
- ✓ Wi-Fi 6E for enhanced security, improved connectivity, and better coverage
- ✓ Future proof – runs Windows 10/11 IoT Enterprise LTSC
- ✓ Docking-free solution – eliminates unnecessary downtime from unreliable cradle connections
- ✓ Virtually unbreakable 12" capacitive touch with JLT PowerTouch™ and sunlight readable display
- ✓ Rugged design for outdoor and indoor usage – IP66-rating
- ✓ Integrated backup battery for uninterrupted operation
- ✓ Optional integrated mobile broadband

Highlights



Highest performance

VERSO is our most powerful series. Featuring Intel® Core™ i3 or i7 processors, it is the fastest in the industry and runs the most demanding applications with ease.



Stable connection over wide areas

Integrated PIFA antennas enables reliable connectivity even in areas with poor coverage and over wide areas.



Maximized uptime

Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT.

www.jltmobile.com

VERSO 12 12" Vehicle-Mount Computer

Base Unit

Processor	Intel® Core i7-1185GRE Intel® Core™ i3-7100U
Memory	16GB DDR4 (Core™ i7) (max 32GB) 8GB DDR4 (Core™ i3) (max 32GB)
Display	12.1" XGA LED 1000 NIT 12.1" XGA LED 500 NIT Capacitive touch screen with JLT PowerTouch™ display technology and hardened glass Resistive 4-wire touch screen

Storage

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

Radio	Dualband WLAN 802.11ax, 802.11a/b/g/n/ac (Core™ i7) Dualband WLAN 802.11a/b/g/n/ac (Core™ i3) Bluetooth v5.2 (Core™ i7) Bluetooth v4.2 (Core™ i3) 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	9-36 VDC unisolated
UPS	Internal battery for graceful shut down at unexpected power outages

Operating System

Windows 11 IoT Enterprise LTSC (Core™ i7)
Windows 10 IoT Enterprise LTSC

Physical Characteristics

Dimensions	305 mm (w) x 255 mm* (h) x 59 mm (d) 12 inch (w) x 10 inch* (h) x 2.3 inch (d) *antenna domes incl.
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	IP66 - IEC 60529:2001 with Roxtec (IP65 without Roxtec)
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