



# VERSO 12

## 12" vehicle-mount computer

### Highest performance in the harshest environments

**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 11 or Windows 10
- 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

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### BASE UNIT

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#### 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

### STORAGE

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#### SATA

CFast 60GB, 120GB, 240GB

### RF OPTIONS

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#### 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

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#### 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

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TPM module

### POWER SUPPLY

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#### Input

9-36 VDC unisolated

#### UPS

Internal battery for graceful shut down at unexpected power outages

### OPERATING SYSTEMS

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

### PHYSICAL CHARACTERISTICS

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#### 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

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#### Operating temp.

-30° C to 55° C / -22° F to 131° F

#### Storage temp.

-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<sup>2</sup> XYZ - IEC 60068-2-64 Fh

#### Shock

30g for 11ms XYZ - IEC 60068-2-27

#### MIL-SPEC

810G in applicable areas