

# VERSO 12

## 12" vehicle-mount computer

### Highest performance in the harshest environments

The VERSO™ 12 is a high-performance computer specifically developed for use in the harshest conditions and for business-critical functions where performance and reliability are of utmost importance. The VERSO 12 is built on the successful JLT computer platform that has been the base for many delivered computers of various configurations.

With an Intel® Core™ i3 or i7 processor and a 64-bit operating system, the VERSO 12 computer is ready for the most demanding applications, such as HD video streaming, GEO calculations, and real-time data processing. It's also available with the Intel® E3845 processor.

The scratch-resistant touchscreen with JLT PowerTouch™ display technology provides the best durability and user experience, while its flush front is simple to keep clean. The VERSO 12 is also available with a resistive 4-wire touch screen.



#### KEY FEATURES

- High-performance processor options for demanding applications
- Virtually unbreakable 12" capacitive touch with JLT PowerTouch™
- Rugged design for outdoor and indoor usage
- Integrated backup battery for uninterrupted operation
- Sunlight readable display
- 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™ i3-7100U

Intel® Core™ i7-7600U

Intel® E3845

**Memory**

8GB DDR3 (Core™ i3 or i7)

4GB DDR3 (E3845)

**Display**

12.1" XGA LED 1000 NIT

12.1" XGA LED 500 NIT

Capacitive touch screen with JLT PowerTouch™ display technology and hardened glass or resistive 4-wire touch screen

### STORAGE

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**SATA**

CFast 32GB, 64GB, 128GB, 256GB

### RF OPTIONS

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**Radio**

Dualband WLAN 802.11 ac, MU-MIMO supported

Bluetooth v4.2

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

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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 (i3 or i7 only)

### 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**

Windows 10 IoT

Windows Embedded Standard 7 (E3845 only)

Windows 7 (E3845 only)

### 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