

# logistics applications

Need a future-proof system that's as user-friendly as it is smart? Meet the JLT6012™ computer. We created an innovative architecture that makes it easy to integrate new technology, giving you the flexibility to adapt to changing needs and keep up-to-date with developments.

Productivity has been the number-one priority in every step of our development of the JLT6012 computer. That takes everything into account; from outstanding user acceptance to the highest reliability. This computer runs Windows™ operating system and can be installed in virtually any vehicle, electrical or combustion powered, without the need for external adapters. State-of-the-art wireless technology ensures reliable connectivity in less than optimal conditions. The intuitive touchscreen is simple to use, even when wearing gloves. The screen is virtually unbreakable, overcoming the most common failure point for rugged computers. With the JLT6012 onboard, you're ready for the future of logistics – whatever it brings.

# **KEY FEATURES**

12" capacitive touch with JLT PowerTouch™

**Windows 10** 

- Intel® x6413E processor
- IP65 waterproof and dustproof
- Virtually unbreakable JLT PowerTouch™ display
- Dual-diversity IFA WLAN antennas
- Easily accessible programmable function buttons
- Integrated wide-range 9-72 VDC isolated power supply
- Optional WWAN (4G or 5G)
- Future proof runs Windows 11 or Windows 10

# **HIGHLIGHTS**



Installation in almost any vehicle without adapters

Integrated wide-range 9-72 VDC isolated power supply enables installation in most vehicle types without external adapters



Data input made easy

Two keyboard options are available – customizable on-screen versions



Virtually unbreakable display

JLT PowerTouch™ display technology has outstanding resistance to wear and tear



# JLT6012

# 12" vehicle-mount computer

#### **BASE UNIT**

# Processor

Intel® x6413E

#### Memory

8GB On-board

#### Display

12.1" XGA LED 1000 NIT 12.1" XGA LED 500 NIT

Capacitive touch screen with JLT PowerTouch™ technology and hardened glass Light sensors for adjustable auto-dimming

#### **STORAGE**

#### **SATA**

M.2 60GB, 120GB, 240GB, 480GB

#### **RF OPTIONS**

## Radio

Dualband WLAN 802.11ax, 802.11a/b/g/n/ac Bluetooth v5.2 4G (LTE) up to 100 Mbps download speed (optional)

4G (LTE) up to 100 Mbps download speed (optional 5G on request

#### **GPS**

A-GPS/GLONASS/BEIDOU (optional)

# Antennas

WLAN dual diversity antennas (IFA) External WLAN and Bluetooth antennas (optional)

## **INTERFACES**

# **Ports**

1x USB 3.0 3x USB 2.0

1x Ethernet 10/100/1000

1x RS232 with customer configurable 5V or 12V I/O Port

# **Speakers**

Encapsulated audio exciters

HD audio

# **Buttons**

6x Capacitive touch buttons

Power

LED dimming +/-

3x Configurable

# **LED** indicators

Power status

Disc activity and Wi-Fi connection

#### **SECURITY**

TPM module

#### **POWER SUPPLY**

#### Input

9-72 VDC isolated

#### UPS

Internal battery for graceful shut down at unexpected power outages

900 mAh STD or 1800 mAh Performance (optional)

# Power consumption

20 W\* (max 40 W, stand by/off mode 0.4 W)

#### **OPERATING SYSTEMS**

Windows 11 IoT Enterprise LTSC Windows 10 IoT LTSC

# PHYSICAL CHARACTERISTICS

#### **Dimensions**

292mm (w)  $\times$  231mm (h)  $\times$  50mm (d) 11.5 inch (w)  $\times$  9.1 inch (h)  $\times$  2 inch (d)

# Weight

2.85 kg, 6.45 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

# **Dust and water**

IP65 - IEC 60529:2001

#### Vibration

5-500 Hz/0,04 m/s2 XYZ - IEC 60068-2-64 Fh

#### Shock

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

# MIL-SPEC

810G in applicable areas

\*Windows running in idle with full screen brightness (STD bright)