



JLT6015

15" Full High Definition Widescreen vehicle-mount computer

Leverage superior FHD display resolution with widescreen

The rugged JLT6015 vehicle-mounted computer is the first of its kind on the market, featuring a 15" full high definition (FHD) display resolution of 1920 x 1080 pixel with a widescreen aspect ratio (16:9). The JLT6015 computer is ideal for mining, agriculture, sawmills, container terminals, and other industries where clear and detailed graphics, visuals, and videos impact daily operations and logistics.

Improve operational productivity with the latest Windows OS, 5G and security

The JLT6015 operating system (OS) has split-screen capability, allowing users to simultaneously view detailed, multiple data and video streams, such as equipment diagnostics, detailed navigation, or terrain maps. This enables accurate data interpretation and precise monitoring and control. With multi-touch display functionality, users can easily multitask and make full use of the latest software applications.

The JLT6015 computer is certified for carrier-grade 5G and features the latest security and encryption protocols and a Trusted Platform Module (TPM) to safeguard sensitive data. Furthermore, the JLT6015 computer is equipped with Wi-Fi 6E and is compatible with Windows 11 IoT Enterprise Long-Term Servicing Channel (LTSC).

Rugged and built for tough environments

Designed to be ultra-rugged, shock and vibration-proof, and weather-resistant, the JLT6015 computer is engineered as a single, trouble-free, docking-free unit. Built with a touchscreen that is operable with gloves, it provides sunlight readability with brightness levels up to 1000 NIT. The computer's compact design fits into tight spaces, such as vehicle cabins.



KEY FEATURES

- Large Full HD 15" 1920 x 1080 LED 1000 NIT Display
- Optional WWAN 5G or 4G
- Multi touch display - efficient tasks handling like a smart-phone or a tablet – two fingers zoom, pinch or swipe
- Future proof – runs Windows10 or Windows 11 IoT Enterprise LTSC with security updates until 2034
- Wi-Fi 6E for enhanced security, best connectivity, and excellent coverage
- Carrier-grade 5G encryption and TPM module
- One-piece, trouble-free, docking-free design
- Integrated wide-range 9-72 VDC isolated power supply
- Easily accessible programmable function buttons
- Swedish quality – from design to production

HIGHLIGHTS



Brilliant 15" FHD widescreen

15" FHD resolution with widescreen format enables large quantity of real time data, text, and video, with superior clarity and sharpness



Compact, ruggedized design

The shock and vibration-resistant design fits into compact spaces, withstands harsh weather conditions, and remains reliable and secure in challenging environments



Dock-free solution maximizes uptime

The one-piece non-docking solution is hassle-free and minimizes unnecessary downtime from unreliable cradle connections

JLT6015

15" vehicle mount computer

BASE UNIT

Processor

Intel® x6413E

Memory

8GB On-board

Display

15.6" FHD 1920 x 1080 LED 1000 NIT

15.6" FHD 1920 x 1080 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

Optional 4G (LTE) 5G (NR)

GPS

A-GPS/GLONASS/BEIDOU (optional)

Antennas

WLAN dual diversity antennas (PIFA)

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

Waterproof speakers

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

High Bright: 40 W (max 50 W, stand by/off mode 0.4 W)

STD Bright: 30 W (max 45 W, stand by/off mode 0.4 W)

OPERATING SYSTEMS

Windows 11 IoT Enterprise LTSC

Windows 10 IoT Enterprise LTSC

PHYSICAL CHARACTERISTICS

Dimensions

405mm (w) x 265mm (h) x 58.2mm (d)

16" (w) x 10.4" (h) x 2.3" (d)

Weight

4.6 kg / 10.1 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

IEC 60068-2-64 Fh

5 - 200 Hz, 5.0 (m/s²)² / Hz

200 – 500 Hz, 3.85 (m/s²)² / Hz

XYZ 3H for each direction

Shock

IEC 60068-2-27

30g for 11ms XYZ 3 times, positive and negative

MIL-SPEC

810G in applicable areas