JLT6012

12" vehicle-mount computer

Maximum productivity for 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™
- 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)
- Wi-Fi 6E
- 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 or external standard keyboards

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

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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)
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) x 231mm (h) x 50mm (d)
11.5 inch (w) x 9.1 inch (h) x 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)