JLT1214P and JLT1214N

12" vehicle-mount computers

Proven performance and reliability

If you're looking for a reliable workhorse that has been proven in thousands of customer applications around the world, take a look at the JLT1214 family of fixed-mount logistics computers. They deliver proven reliability and value for a wide range of logistics vehicle types.

The JLT1214P and JLT1214N models incorporate the latest processor technology and the features required for a fast, trouble-free and cost-effective installation. Both can be supplied with an integrated, isolated 18-60 VDC power supply for electrical forklift installations or a non-isolated 9-36 VDC power supply for combustion-powered vehicles.

These models have all essential features for a simple, quick, and cost-effective installation. They are highly reliable without additional add-ons and cables.

KEY FEATURES

- Windows operating system
- 12" XGA LED display with the smallest footprint in its class
- Intel® E3845 processor
- IP65 waterproof and dustproof
- Virtually unbreakable JLT PowerTouch™ display on JLT1214P
- Optional heated display for extreme temperatures on JLT1214N
- Dual-diversity PIFA WLAN antennas
- Integrated DC/DC with UPS battery solution

HIGHLIGHTS

Consistent performance even with unstable voltage
With integrated DC/DC with UPS-battery, the JLT1214 computers ensure consistent performance even with unstable voltage

Maximized uptime
Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT

Outstanding value for warehousing and logistics
Smart design with everything built in makes the JLT1214 computers a cost-effective option for logistics applications

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BASE UNIT

Processor
Intel® E3845

Memory
4GB DDR3

Display
12.1" XGA LED 500 NIT

JLT1214P
Capacitive touch screen with JLT PowerTouch™
technology and hardened glass

JLT1214N
Resistive 4-wire touch screen

STORAGE

SATA
CFast 16GB, 32GB, 64GB, 128GB

RF OPTIONS

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)
User configurable external or internal WLAN
and Bluetooth antennas

INTERFACES

Ports
4x USB 2.0
1x Ethernet 10/100/1000
1x RS232 with 5V

Speakers
Waterproof stereo speakers
HD audio

Buttons
Power
LED dimming +/-

POWER SUPPLY

Input
18-60 VDC isolated
9-36 VDC unisolated

UPS
Internal battery for graceful shut down
at unexpected power outages

OPERATING SYSTEMS

Windows
Windows 10 IoT
Windows Embedded Standard 7
Windows 7

PHYSICAL CHARACTERISTICS

Dimensions
305mm (w) x 240mm (h) x 59mm (d)
12 inch (w) x 9.4 inch (h) x 2.3 inch (d)

Weight
3.5 kg, 7.7 LB

ENVIRONMENT

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
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