JLT1214P and JLT1214N

12" vehicle-mount computers

The preferred solution for warehousing logistics

The optimal forklift computer
The JLT1214 Series has been selected by thousands of customers in the warehousing industry around the world. The Series provides the optimal, most hassle-free solution available for forklifts and other applications in the logistics and warehousing space.

Maximized productivity and stable connectivity
Equipped with an Intel Atom® x6413E processor, standard 8GB DDR4 memory (expandable to 32GB), Wi-Fi 6E technology and Windows 11 support, the JLT1214 Series ensures optimal performance, stable connectivity even in busy environments, enhanced security and maximized productivity.

Docking-free solution eliminating downtime
With JLT1214 everything comes integrated in the solution, eliminating the need for external adapters or cradles. By removing unreliable cradle connections, it significantly reduces downtime. Plus, you benefit from a complete solution from a single supplier.

Overcoming common point of failure for rugged computers
The JLT1214 Series comes with the virtually unbreakable JLT PowerTouch™ display, thereby overcoming the most common point of failure for rugged computers. It also provides a user-friendly experience even with a gloved hand and is sunlight readable.

KEY FEATURES

- 12" XGA LED display with the smallest footprint in its class
- Intel® x6413E processor
- IP65 waterproof and dustproof
- Virtually unbreakable JLT PowerTouch™ display on JLT1214P
- Dual-diversity PIFA WLAN antennas
- Integrated DC/DC with UPS battery solution
- Wi-Fi 6E
- Future proof – runs Windows 11 or Windows 10

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® x6413E

Memory
8GB DDR4 (max 32GB)

Display
JLT1214P
12.1" XGA LED 1000 NIT
12.1" XGA LED 500 NIT
Capacitive touch screen with JLT PowerTouch™
technology and hardened glass

JLT1214N
12.1" XGA LED 500 NIT
Resistive 4-wire touch screen

STORAGE

SATA
CFast 60GB, 120GB, 240GB

RF OPTIONS

Radio
Dualband WLAN 802.11ax, 802.11a/b/g/n/ac,
MU-MIMO supported
Bluetooth v5.2
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 +/-

SECURITY

TPM module

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 11 IoT Enterprise LTSC
Windows 10 IoT LTSC

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