

JLT1214N with heater 12" vehicle-mount computer

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.

For extreme freezer storage and other sub-zero degree applications, the JLT1214N with heater gives you a heated display to prevent frost formation at low temperatures. The heating element activates automatically when the surrounding temperature approaches 0°C, enabling trouble-free operation in fluctuating temperatures, for example when going in and out of a blast freezer.

The JLT1214N with heater incorporates the latest processor technology and the features required for a fast, trouble-free and cost-effective installation. It comes with an integrated, isolated 18-60 VDC power supply for electrical forklift installations.



KEY FEATURES

- Heated display for extreme temperatures
- Windows operating system
- 12" XGA LED display with the smallest footprint in its class
- Intel® x6413E processor
- IP65 waterproof and dustproof
- Dual-diversity PIFA WLAN antennas
- Integrated DC/DC with UPS battery solution
- Wi-Fi 6E
- Future proof – runs Windows 11 or Windows 10

HIGHLIGHTS



Heated front for extreme cold

The automatic heated display enables trouble-free operation in fluctuating temperatures by preventing frost formation at low temperatures



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

JLT1214N with heater

12" vehicle-mount computer

BASE UNIT

Processor

Intel® x6413E

Memory

8GB DDR4 (max 32GB)

Display

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

STORAGE

SATA

CFast 60GB, 120GB, 240GB

RF OPTIONS

Radio

Dualband WLAN 802.11ax, 802.11a/b/g/n/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 +/-

SECURITY

TPM module

POWER SUPPLY

Input

18-60 VDC isolated

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