



JLT1214N™ with Heater



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Logistics Computer with **Heated Display** for **Full Functionality** in Extreme Freezer Environments

With proven reliability and the latest processor technology, the JLT1214N with heater delivers the lowest total cost of ownership for a wide variety of logistics applications. It has an integrated isolated 18-60 VDC power supply for electrical truck and forklift installations.

Automatic Heater for Exceptionally Cold Environments

The JLT1214N with heater is a rugged computer specifically designed to function in extreme temperatures with high humidity. Featuring a heated front that automatically starts when the surrounding temperature approaches the freezing point, the computer prevents frost formation in drastic temperature changes, for example when going in and out of a blast freezer storage. This allows for trouble free operation even in the most extreme warehousing environments.

Proven Reliability

This rugged computer is a reliable workhorse based on the successful JLT computer platform that has been tested in the field by customers around the globe for many years. It is designed from the bottom up with the latest processor technology to deliver maximum reliability and trouble free operation in very tough environments, from cold storage rooms to broiling hot sun, from fixed wall mounts to vibrating forklifts.

Lowest Total Cost of Ownership

The computer integrates all essential features required for a simple, quick, and cost effective installation. Moreover, it is highly reliable without additional add-ons and cables.

Key Features

- Featuring a heated front that automatically starts when the surrounding temperature approaches the freezing point
- Everything built in for lowest cost and highest reliability
- Dual diversity PIFA WLAN antennas, custom-made for reliable WiFi in environments with poor coverage
- Integrated isolated DC/DC – secured operation in spite of unstable voltage
- 12" XGA LED display with the smallest footprint in its class

User Examples

- Cold Storage Warehousing
- Transportation

Because it Works!™

JLT1214N™ with Heater Product Specifications

Base Unit

Processor	Quad core Intel® E3845
Memory	4GB DDR 3
Display	12.1" XGA LED 500 NIT Resistive 4-wire touch screen

Storage

SATA	CFast 32GB, 64GB, 128GB
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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 in dock (optional) / BeiDou
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

Power Supply

Input	18-60 VDC Isolated
UPS	Internal battery for graceful shut down at unexpected power outages

Operating Systems

Windows	Windows 10 Windows Embedded Standard 7 Windows 7
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Physical Characteristics

Dimensions and weight	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
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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
Connector Sealing	Roxtec sealing cable protection (optional)
Humidity	10–95% RH
Dust and water	IP65 - IEC 60529:2001
Vibration	5–500 Hz/0,04 m/s ² XYZ - IEC 60068-2-64 Fh
Shock	30g for 11ms XYZ - IEC 60068-2-27
MIL-SPEC	810G in applicable areas

Accessories



Roxtec sealing



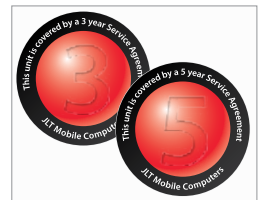
RAM® VESA75-mount



Keyboard Bracket



Fully Sealed Keyboard



JLT:Care Service Level Agreement

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