

JLT1214S Rugged Mobile Computer


Everything built-in

The JLT1214 is specially designed to fit the needs of the toughest industries. Use it in production, mount it on a forklift, put it in a freezer, abuse it in almost any way you like - you will still have a companion executing every task in the world of distributed data that you desire year after year.

- WLAN and Bluetooth for the short distance communication
- 3G/GPRS with external antennas
- Positioning made simple with integrated GPS
- Multiple USB interface for connectivity
- Ready for temperatures down to -30° Celsius
- UPS to overcome problems with unstable power
- Optional Cable sealing

Besides this the unit is designed with the latest embedded platform, securing a long lasting product life with future processor updates secured.

Computers for extreme conditions

 JLT Mobile Computers develops and produces rugged fixed-mount vehicle computers and handheld rugged Tablet PC's. They are used for mobile computing applications in the most extreme environments.

The rugged mobile computers offered by JLT are both designed and manufactured to withstand extreme temperature, moisture and shock conditions. They are built to meet and exceed stringent testing requirements, and we have the results to prove it.

JLT Mobile Computers is the ideal hardware partner in warehouse, construction, military, mining, agriculture, forestry, public safety, transportation and other industrial or logistical markets.

OFF-THE-SHELF
configurations now in stock!
for details visit
www.jltmobile.com/products



JLT1214S Rugged Mobile Computer

JLT1214S is the latest model of our popular 12" rugged computer. It comes with all kinds of communication, including WLAN and WWAN. It's designed for in-vehicle and industrial use and it will take whatever abuse you might through at it!

Technical Specification

Processor

Intel Atom 1.6GHz N270

RAM memory

1024MB or 2048MB DDR2

Display

12.1" SVGA (800 x 600 pixels)
Optional 12.1" XGA (1024x768)
4-wire resistive Touch Screen

Luminance

450 NIT

Graphics memory

Intel graphics with with 224 MB shared memory

Storage

Compact Flash 4, 8 or 16 GB

Interface

4 x USB 2.0
1 x Ethernet 10/100
Speakers
Optional RS232 with 12V

RF Options

WLAN 802.11 a/b/g/n
Bluetooth 2.0 + EDR, Class 1
Optional 3G/GPRS, GPS

Antennas

2 x SMA for WLAN diversity
External SMA connectors or 3G/GPRS and GPS

UPS

Internal battery for 10 minutes power

Power supply

18-72 VDC isolated, optional 9-36 VDC unisolated
10 W standby / 20 W operating, max 25 W

Physical Characteristics

Dimensions: 305 mm (w) x 240 mm (h) x 59 mm (d)
Weight: 3.5 kg
Enclosure: Aluminum, powder coated

Environment

Operating temperature: -30° C to 55° C
Storage temperature: -35° C to 75° C
Jet of water: IP65
(Extra cable protection with Roxtec sealing)
Humidity: 10-95% RH, IP65
Vibration: 5-500 Hz/4.5 g-rms 3 hours X Y Z
Shock: 30 g for 11 ms
Meets or exceeds MIL810F

Regulatory Approvals

IEC 60529, IP65
Safety: UL94, Class VO
FCC Part 15 subpart C, Part 15 subpart B
CE
ISO7637-2 (2004)
EN 12895 (2000)
EN 55022 (1998) + A1(2000) + A2(2003)
EN 61000-6-2 (2001)

Operating Systems

Windows embedded standard
Windows 7
Windows XP Pro

