


JLT8404 Field Tablet PC



**Tougher
than most...**

Tough enough to challenge them all
Designed to withstand extreme environments
A reliable field tool, wherever the job is done
For long-life use and life long profitability!

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.



JLT8404 Field Tablet PC

Technical Specification

Processor

Intel Atom 1.1 GHz

RAM memory

DDR SODIMM 1024 MB

Display

8.4" diagonal SVGA (800x600 Pixels)
Color Active Matrix TFT 256K colors
120 degree viewing angle, 0–100 % dimmable
320 NIT (sunlight viewable 1100NIT as option)

Graphics memory

Intel Graphics with 256 MB shared memory

User interface

High Resolution resistive touch screen
On/Off switch and manual dimmer control
Function keys
Built-in stereo speakers
1 microphone SOUND
HD Audio compatible

Interfaces

1 external USB 2.0
1 internal expansion slot for grip-integrated modules / DC-input
Docking connector
1 RJ45 Ethernet

Operating systems

Windows Embedded, Windows 2000,
Windows XP Pro

Accessories

Vehicle Dock, battery chargers,
mounting solutions, Mini-keyboards,
AC/DC adaptors, Rugged keyboards,
Industrial DC/DC, Virtual on-screen keyboard,
Cables and adaptors

RF options

WLAN 802.11 a/b/g
Bluetooth 2.0 + EDR, Class 1
GSM, GPRS, EDGE, UMTS, WCDMA (optional)
GPS (optional)

Power supply

9–21 VDC
Battery 44Wh, 7.3V
5 W standby, 15 W operating and max 30 W

Physical characteristics

Dimensions: 260 mm (w) x 198 mm (h) x 43 mm (d)
Weight: 1,9 kg
Enclosure: Aluminum, powder coated

Environment

Operating Temperature: -20 C to 50 C
Storage Temperature -30 C to 70 C (battery dependent)
Water & Dust proof, IP-65, meets IEC 60529
Humidity: 10–95% RH, non-condensing
Vibration: 5–500 Hz/4.5 g RMS 3 hours XYZ (non-rotating disk)
Shock: 30 g for 11 ms (non-rotating disk)
Drop test: 4 feet on concrete, 26 directions (drop)
(Flash disk in operating and rotating drive in non-operating mode)

Regulatory approvals

Safety: UL: UL94, Class VO
FCC: Part 15, Subpart B, Class B
International Safety: CE
EMC Susceptibility: ISO7637-2, EN55024, EN61000-6-2
EMC Emissions: EN55022: EN 301 489

