

JLT15022 Mobile Computer

JLT15022 combines our rugged technology with the screen-size which is common in laptops for office use. It comes with a 15.1" XGA, 400 NIT touch screen and is 100% dimmable. With features like custom built waterproof IP65 housing, optional 750 NIT sunlight viewable screen, this rugged and ergonomically designed all-in-one computer will do the job problem free for years. Designed for both stand-alone mount and panel mount.

Technical Specification

Processor

Intel Core Duo 1.66 GHz
Intel Atom 1.6GHz N270

RAM memory

SODIMM DDR2 1024 MB
SODIMM DDR2 2048 MB

Display

15.1" diagonal
XGA (1024x768 pixels)
Color Active Matrix TFT 256K colors
120 degree viewing angle, 0-100 % dimmable

Luminance

400 NIT
750 NIT, Daylight viewable

User interface

High Resolution resistive touch screen
Rugged DB9 Keyboard port
On/Off switch and manual dimmer control
Speaker

Sound/graphics

AC97 and Soundblaster Pro compatible
Graphics Up to 224 MB (uses RAM-memory)

Storage

Hard Drive 80 GB 2.5" ATA/IDE Automotive
Compact Flash 4 GB or 8 GB
Solid State Disk 16 GB to 64 GB

Interface

Cardbus PCMCIA 32-bit, 2 type II or 1 type III
2 Serial ports RS 232C, COM 1-2, up to 115 Kbit/s
2 USB 2.0
1 FireWire
1 Ethernet 10/100-Tp, RJ45
Buzzer, Mic, CD in and Line out Stereo

Configurable Ports:

- Keyboard DB9 (PS/2 adaptable)
- or optional External VGA
- or optional 2 extra serial ports RS232C

Power supply

9-36 VDC
5 W standby, 35 W operating and max 55 W

RF Options

Cardbus, PCMCIA compatible (radio independent)
WLAN, GSM, GPRS, UMTS

Physical Characteristics

Dimensions: 358mm (w) x 286mm (h) x 61mm (d)
Weight: 5.3 kg
Enclosure: Aluminum, powder coated

Environment

Operating Temperature: -20°C to 50°C
Storage Temperature -30°C to 75°C
Jet of water: IP-65
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)

Regulatory Approvals

Din 40050 Part 9 IEC 529
Safety: UL: UL94, Class VO
FCC: Part 15, Subpart B, Class B
International Safety: CE
Electrical: ISO7632-1, reverse polarity, dual battery
EMC Susceptibility: ISO7637-2, EN61000-6-2
EMC Emissions: EN55022

Operating Systems

Windows Embedded Standard
Windows 7
Windows XP Pro

Accessories

Mounting solutions Mini-keyboards
AC/DC adaptors Rugged keyboards
Industrial DC/DC Virtual
on-screen keyboard
Cables and adaptors
Radios and GPS
Antennas, domes.

