



DLI 8400

ultra-mobile rugged tablet computer

Computing Without Boundaries



**On the road. In the field.
At the jobsite. In the office.**

You'll find the DLI 8400 Ultra-mobile Rugged Tablet everywhere business gets done. Powerful, flexible and housed in a "go anywhere, do anything" compact form factor, the DLI 8400 is capable of running the most demanding mobile applications. Mounted inside a vehicle or in the hands of your field workforce, the DLI 8400 represents the ultimate in mobile computing performance and technology.

Engineered to survive multiple 4' drops to concrete, IP54-rated to protect against water, dust and dirt, and meeting MIL STD 810F for vibration and shock, the DLI 8400 can withstand the harshest operating environments.

As lightweight as it is rugged, the DLI 8400 comes packed full of features including integrated GPS, 802.11a/b/g/n, Bluetooth, and cellular radios - all running concurrently. Add VoIP, barcode scanning, an SD card reader, biometrics, RFID, color camera, a magstripe reader, and you've got a **completely self-contained communications and computing platform**. The DLI 8400 provides mobile and field service personnel with the freedom required to drive increased performance and productivity, no matter where the job takes them.

Built around an industrial-class Intel Atom processor, 7" outdoor-readable touchscreen, and sporting a backlit QWERTY keyboard, the DLI 8400 is designed to function in the widest variety of mobile work environments. Secured in our revolutionary Vehicle Mounting Cradle, the DLI 8400 brings real-time vehicle diagnostics and operating information to fleet managers, dispatch operators, and repair technicians alike thanks to an integrated J1708/J1939 and multiple other I/O interfaces.

Other key features of the DLI 8400 include:

- Choice of OS including Vista, Embedded XP, XP Pro, and Linux
- Dual hot-swappable batteries delivering up to 9 hours of battery life
- Mobile payment capabilities thanks to integrated Contactless Payment and Magstripe reader

Learn more about the DLI 8400 ultra-mobile Rugged Tablet, the DLI 8300 Rugged Tablet, and our DLI 8500 Vehicle Mount Computer at www.data ltd.com or by calling us today at 800-526-1299.

designed
manufactured
serviced



product applications

- Field Service
- Fleet Management
- Police, Fire, EMS
- Warehouse & Distribution
- Building Inspection
- Route Accounting
- Direct Store Delivery
- Field Payment

Technical Specifications

- **Caseing** - Impact-resistant ABS+PC polymer, 4ft drop to concrete, IP- 54 rated
- **Processor** - Intel Centrino Atom 1.6Ghz with Hyper-Threading
- **Chipset** - Intel System Controller Hub US15W, L2 Cache: 512KB, FSB: 533Mhz
- **Display** - 7" LCD 350NIT LED Backlit indoor/outdoor readable, 1024 X 600 Resolution, Contrast Ratio: 400: 1
- **Touchscreen** – Resistive or Digitizer (standard or polarized), Industrial Resistive Touch @ 3 million touches in a single location
- **Video** - 256MB RAM
- **Audio** - Intel High Definition Audio; dual integrated speakers, dual microphone, 3.5mm mic/headset jack
- **Memory** - 1GB or 2GB DDR2 SODIMM 667Mhz
- **Storage** - HDD: 1.8" 60GB or 80GB Shock Mounted
 - SSD: 8GB, 16GB, 32GB, 64MB Industrial
- **Operating System** - Vista Business, XP Pro, Embedded XP
 - Linux 2.6 (Debian/Gnome)
- **Ports** - (3) USB 2.0 Connectors
 - (1) RS232 Port (+5V on Pin9)
 - (1) Ethernet 10/100/1000
 - (1) SD Card Reader
 - (1) Biometric Reader
 - (1) Pass through connector to cradle
 - (2) RF Pass through connectors to cradle
- **Barcode Scanner** – Integrated Honeywell™ Adaptus Imager (JPOS Compliant)
- **Magstripe Reader** – Integrated 3 track, Single Head (OPOS/JPOS Compliant)
- **RFID** – Integrated Contactless Payment ISO14443 A/B, ISO15693
- **Keys** - (35K) QWERTY Keyboard or Numeric Keyboard
 - (2) Barcode Scanner Keys (Left & Right side)

Environmental

- **Temperature** - Operating -4°F to +140°F (-20°C to 60°C); Storage -7°F to 149°F (-22°C to 65°C)
- **Impact** - Multiple 4ft drops to bare concrete
- **Vibration** - 5~500Hz 1G PTP, MIL STD. 810F 514.5C-3 Highway truck vibration exposure
- **Shock** - Operating -40G, (11ms), Crash -75G (11ms)
- **EMI/EMC** - FCC Class B, CE
- **Water/Dust** - IP54
 - Dust - (Protected against dust - limited ingress)
 - Water - (Protected against sprays from all directions - limited ingress permitted)

Physical

- **Dimensions** - Height – 7.28" (185mm), Width – 9.05" (230mm) Depth 1.57" (40mm)
- **Weight** – 3.1 lbs. (with dual batteries)
- **Warranty** - Standard One Year No-Fault Warranty
- **GPS** - SiRFstarIII chipset with Internal Geohelix Passive Antenna (Optional External Antenna)
- **Camera** – (2) Color 2 Mega Pixel, Autofocus, UVC Compliant (Front and Back of Unit)
- **WiFi** - 802.11a/b/g/n WiFi Radio (Cisco® CCX4)
- **WWAN** - Integrated Cellular Card including support for external antenna
 - Available cellular carriers included Verizon®, Sprint®, AT&T/Cingular®, T Mobile®
- **Bluetooth** - Class 2 radio, re:Bond™ automatic re-connection utility
- **Voice Communications** - VoIP, Integrated dual microphone or Integrated 3.5mm headset/mic jack
- **Power** - Battery Packs: Dual 2600mAh Lithium Ion Battery (8.5~9hrs of usage total)
 - AC Adapter: 19VDC 100Watt 110/220 VAC 50/60 Hz Input (Multi Country Line Cords Available)

Accessories

- **Vehicle Cradle** - Secure locking mechanism w/port replicator: (3) RS232, (3) USB, (1) 10/100/1000 Ethernet, J1708/J1939 Interface, 18-Pin GPIO, 6~60VDC Power Regulating Converter, Ignition Sensor, Dual RF Pass-Thru Connectors
- Desktop Cradle, 3-Bay Battery Charger, IP64 Rugged USB Backlit Keyboard, Cigarette Lighter Power Adapter, Handle.



Information in this document is subject to change without notice.



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