

8404

Rugged Mobile Computing Made Easy

The Duros® 8404 computer is a fourth-generation, powerful tablet PC that is designed for the user battling harsh environments. Whether mounted in a four-wheel drive truck or being hand-carried through rough weather, the Duros 8404 provides the most versatile solution for workers in the field.

Unlike most laptops, the Duros 8404 can be mounted in a vehicle, then dismantled and taken into the field. Designed to be ergonomic, the weight of the computer is evenly-balanced and the multi-directional hand grip / wrist strap allows for easy removal and transport – whether walking through rough terrain, or just taking it back to the office at

day's end. This versatility allows the Duros 8404 to be a true onboard, mobile communications center.

Sealed to IP65 against dust and water ingress, the Duros 8404 is tested to MIL-STD-810F specifications for vibration, functional shock, and temperature extremes. It can withstand the harshest environments without losing data or connectivity.



This ultra-flexible computer features Intel® processors – either the Celeron® M or the Atom™ – packing up to 1 GB RAM and up to 120 GB of storage. The battery is hot-swappable, which reduces downtime and provides for longer productivity in the field. The 8.4-inch, 1100 nit LED touchscreen provides excellent visibility, even in bright sunlight.

The Duros 8404 transportable computer integrates easily with existing enterprise applications and it has been optimized for browser-based software like Navis SPARCS. Easy to install and get running, no special IT personnel are required for setup. It's the latest generation of mobile computing – made easier and more flexible than ever before.



**Sunlight-viewable, 1100 nit LED
touchscreen**

Hot-swappable battery

Shock and vibration tested

Environmentally Sealed to IP65

Wi-Fi and Bluetooth® 2.0

Easy to dock or carry

DUROS®
The Standard in Rugged Computing

8404

PROCESSOR

Intel® Celeron® M 1.0 GHz
Intel® Atom™ 1.1 GHz
Intel® Atom™ 1.6 GHz

MEMORY

1 GB DDR SODIMM

STORAGE

Hard Drive 60 GB ATA / IDE automotive
(Up to 120 GB)
Flash 512 MB to 64 GB

DISPLAY

8.4-inch diagonal SVGA (800 x 600 pixels)
Color Active Matrix TFT 256K colors
120° horizontal viewing angle, 0-100% dimmable
320 nit (1100 nit sunlight-viewable available)

GRAPHICS / SOUND

Up to 32 MB shared memory
AC97 and Soundblaster Pro compatible

PORTS

1x USB 2.0
Expansion port for grip integrated modules
DC Input
Docking connector
RJ45 Ethernet

USER INTERFACE

High-resolution resistive touchscreen
Virtual on-screen keyboard
On/off switch and manual dimmer control
Function keys
Built in stereo speakers and microphone

WIRELESS

Integrated WLAN 802.11 a/b/g
Integrated Bluetooth® 2.0 + EDR Class 1
Optional GSM, GPRS, EDGE, UMTS, WCDMA
Optional GPS

POWER SUPPLY

9-21 VDC
Battery 44 Wh, 7.3 V
5W standby, 15W operating, and max 40W



OPERATING SYSTEM

Windows® XP Pro
Windows® XP Embedded
Windows® 7
Linux

ENVIRONMENT

Operating temperature: -4°F to +122°F
[-20°C to +50°C]
Storage temperature: -22°F to +167°F
[-30°C to +75°C]
Water and dust proof, IP65 Meets IEC 60526
Humidity: 10 - 95% RH, non condensing
Vibration: 5-500 Hz/4.5b RMS 3 hours XYZ (non-rotating disk)
Shock: 30 g for 11 ms (non-rotating disk)
Drop test: 4 feet onto concrete, 26 directions (drop) (Operating Flash disk, powered off rotating drive)

ACCESSORIES

Carrying hook
Carrying harness
Vehicle dock
Battery chargers
Mounting solutions

REGULATORY APPROVALS

DIN 40050 Part 9 IEC 529
UL: UL94, Class VO
FCC: Part 15 Subpart B, Class B
International Safety: CE
ISO7632-1 Reverse polarity
ISO7637-2 (2004)
EMC Susceptibility: EN61000-4-2 (1995) + A1 + A2
EMC Emissions: EN55022 (1998) + A2 (2003)
Class B

WARRANTY

1 Year Standard
Optional 2-3 Year Extended

DIMENSIONS

10.23" (w) x 7.8" (h) x 1.7" (d)
[260 mm x 198mm x 43mm]
4.1 lbs [1,9kg]
Aluminum housing, powder-coated



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Partner

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