

1214

Rugged Computing Designed For Warehouse and Ports

The Duros® 1214 was specifically designed to meet the rugged atmosphere in warehouse, cold storage, shipping and port environments. Its ultra-light housing features all-in-one aluminum construction, making it resistant to the harshest elements. Sealed to IP65, it also meets or exceeds MIL-STD-810F for drop, vibration, temperature, shock, and altitude.

The Duros 1214 computer can be easily mounted onto a variety of industrial machinery, including forklifts, pallet trucks, container pickers and automated guided vehicles. Its compact design limits intrusion into valuable cabin space, and the power supply can accommodate 9-36 VDC or 18-72 VDC, making it versatile for operations from warehousing to trucking to inbound and outbound container movement in ports.

The 12.1-inch SVGA screen is constructed from ultra-rugged polysilicon tempered glass and the resistive touchscreen makes operation with a gloved finger or stylus fast and accurate. Processor choices include the Intel® Celeron® M or the Intel® Atom™ for additional speed and efficiency. CompactFlash storage is available up to 32 GB, and the Duros 1214 features four USB 2.0 ports for improved connectivity to main operations. An optional serial port is also available to support legacy devices.

The extended operating temperature allows the 1214 to function even in sub-zero environments making it perfect for refrigeration and cold storage applications. The dual-diversity antennas provide superior connectivity so your mobile operators are always online.

Additionally, the 1214 features an internal battery backup (UPS) that provides up to 20 minutes of continuous use without external power – perfect when changing the forklift battery or making last-minute entries after powering down the machinery for the day. It truly is the most cost-effective and versatile vehicle-mounted computer on the market today.



Ultra-rugged polysilicon touchscreen display

Internal UPS battery backup

Environmentally sealed to IP65

Wi-Fi with dual-diversity antennas

Solid, one-piece aluminum design

Runs Windows® 7, XP Professional, Embedded, CE or Linux



DUROS®
The Standard in Rugged Computing

PROCESSOR

Intel® Atom™ 1.6 GHz

MEMORY

1 GB DDR-SDRAM
2 GB DDR-SDRAM (optional)

STORAGE

4 to 32 GB CompactFlash

DISPLAY

12.1-inch SVGA (800 x 600 pixels)
Color active matrix TFT 256K colors
4-wire resistive touchscreen
450 nit
Polysilicon tempered glass display

GRAPHICS / SOUND

Intel® GMA 950 Integrated Graphics
AC97 Audio

PORTS

4x USB 2.0
1x Ethernet 10/100
1x serial port

POWER SUPPLY

18-72 VDC (9-36 VDC optional)
10 W standby / 25 W operating, max 30 W
20-minute internal battery backup (UPS)

WIRELESS

Bluetooth® 2.0 + EDR, Class 1
WLAN 802.11 b/g
GSM, GPRS, UMTS (cellular broadband)
2 external antennas (SMA for WLAN diversity)

WARRANTY

1 year limited warranty
Extended warranty available



OPERATING SYSTEMS

Windows® XP Professional
Windows® XP Embedded
Windows® 7
Windows® CE
Linux

ENVIRONMENTAL

Operating temperature: -22°F to +131°F
[-30°C to +55°C]
Storage temperature: -31°F to +167°F
[-35°C to +75°C]
Sealing: IP65
Humidity: 10 - 95% RH
Vibration: 5-500 Hz/4.5 g-rms 3 hours XYZ
Shock: 30 g for 11 ms
Meets or exceeds MIL-STD-810F

REGULATORY APPROVALS

IEC 60529
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)

DIMENSIONS

12.0" (w) x 9.5" (h) x 2.3" (d)
[305mm x 240mm x 59mm]
7.7 lbs [3.5 kg]
Aluminum housing, powder-coated

