

DEFENCE > AEROSPACE
PRODUCTS OVERVIEW



COMPUTER

Dura-VIS-10/100

Visual connectivity platform for defence applications

Communication: Wide choices of wireless and wired communication interfaces.
Small form factor: Lightweight chassis: <1,5Kg; approx. 230 x 140 x 61,7 mm in size.
x86 CPU: Low-Power 1.1GHz Intel Atom.
Connectivity & I/O: 2x USB 2.0 port, 1x RS-232, 1x RS-485, VGA Video, 16x DIO, 2x Gigabit Ethernet Interfaces.
Operating System: Wind River Linux, Windows Embedded Standard.
Power: Vehicle Grade DC/DC Converter with Voltage/Surge Protection.



- Rugged and low power
- 5.7" VGA Display with Touchscreen
- Atom CPU
- 50-channel GPS
- WiFi, 3G modem, Gigabit Ethernet
- Many power supply options

FEATURES

DuraCOR 820

Small Form-Factor Tactical Mission computer

Small form factor: Lightweight chassis: <1,32Kg.; approx. 75,95 x 109,22 x 177,8 mm. in size.
x86 CPU: Low-Power 1.4GHz Intel Pentium M Architecture.
Connectivity & I/O: 3x USB 2.0, 2x RS-232, VGA Video, Keyboard, Mouse, DIO, 2x 10/100 Ethernet Interfaces.
Operating System: Pre-loaded Linux or Windows Embedded Eval License to Boot-up Out of Box.
Power: Vehicle Grade DC/DC Converter with Voltage/Surge Protection. MIL-STD-704E Compliant.
Mechanical: Metal Chassis with Hardened Finish & Mounting Flanges. Connectors: Glenair Series 801 (MIL-38999 like). Splash resistant.
MIL-STD Compliance: MIL-STD-810F: Altitude, Shock, Vibration, Temperature, & Humidity (Qualified).



- Small Form Factor < 1,32 Kg.
- MIL-STD-810F Compliant
- 9-32 VDC Input
- -40°C to +71°C ambient
- Designed to Meet MIL-STD-461E
- MIL-STD-704 Avionics Power Supply

FEATURES

ACCESS ROUTER

ZyWAN

Robust cellular router providing connectivity for a comprehensive range of devices

Connectivity: Comprehensive cellular connectivity support – for iDEN, 3G HSDPA/UMTS, EvDO Rev. A/1xRTT CDMA
I/O: Full range of I/O and communications ports – including Ethernet, USB 1.1, and serial ports
Antennas: SMA for cellular and GPS, RP-SMA for 802.11
Easy-to-use: WEB GUI for local or over-the-air (OTA) configuration



- 3G / GPRS / GPS connectivity
- GPS location awareness
- 802.11b/g Wi-Fi
- Dual 10/100 base-T
- 3 x RS232
- Automotive PSU
- Very rugged design
- Customisable Linux subsystem

FEATURES

STORAGE

DuraNAS 1000

Rugged Network Attached Storage

Built to last: Designed for rugged mass storage in ready-to-use IP-based NVR professional surveillance systems.
Resistant: Designed to withstand mechanical, electrical and environmental stress encountered in harsh environments.
Wide operating temperature range: DuraNAS 1000 can operate from -25°C to +55°C continuous and up to +70°C for 10 minutes (EN50155 T1).
Compliance: Fully compliant with EN 50155 (Railway Installations).
POE: Designed to be powered over Ethernet using POE standard connection.
Quick and easy setup: By using a DHCP client interface and configuration utility software over Ethernet, installation is quick and easy.



- Ruggedized for harsh environments
- Up to 1 TB aggregated storage
- Raid 1 functionality (up to 500 GB)
- 10/100 Mbit Ethernet with POE (M12 connector)
- EN50155 fully qualified

FEATURES

Zypad WL1500

Powerful Wearable Computer for Hands-Free Operation

Communications Protocols: A wide range of wireless communications features such as WiFi, Bluetooth, and cellular.
Easy-to-read Display: QVGA display with touchscreen, backlight, and ambient light sensor for easy viewing.
Barcode Reader Support: A 1D/2D barcode reader with view and capture capabilities can be integrated directly onto the Zypad.



- Wearable computer for hands-free operation
- Support for several communications protocols
- Standard operative system
- Wide temperature range
- Long battery life

FEATURES

ZyPad WR11xx

Rugged Wrist PC

Ruggedized: Fully designed to withstand to the most severe conditions. Its special case, made of fiberglass reinforced nylon and magnesium alloy, maximizes durability and minimizes weight.
Ergonomics: The core system can be easily detached from the rigid wrist support by pressing two buttons at the same time. The rigid wrist support is designed to fit comfortably on the user's wrist and through an interlocking buckle system is very easily fastened or released.
Modular Design and Expansions: The WR11XX has a modular battery pack and an add-on module expansion system; this allows the user to rapidly change the configuration of the device. Add-on modules are available with WWAN and GPS.



- Rugged mobile wearable computer for harsh environments
- Wireless connectivity
- WPAN (Bluetooth or ZigBee)
- WLAN (IEEE 802.11 b/g)
- Operating Temperature: (-20° to 60°C)
- MIL-STD 810F

FEATURES

Zypad BR2000

Small, Durable, and Connected Wearable/Vehicle-Mounted Computer

Use-case Flexibility: Onto a vehicle such as a truck or service vehicle, or on the vest, utility belt, or pocket.
Communications Interfaces: High-speed wired and wireless protocols including Gigabit Ethernet, 802.11 b/g/n, Bluetooth Class 1, and a 50-channel GPS receiver, all with integrated antennas as well as USB 2.0, serial ports, and multimedia.
Long Battery Life: Typical battery life runs between 4 to 6 hours with hot swap ability so no lost data.



- Light weight and battery-operated device
- Integrated wired and wireless communications
- Durable, IP67 enclosure
- Extended temperature range
- Standard operating systems

FEATURES

HRC 4200

Enterprise Communicator Hand Held Computer

Designed for Mobility: IrDA, PAN (Bluetooth), WLAN (IEEE 802.11 b/g), WWAN (GSM/GPRS).
Barcode Scanner: Provides a superior working range, regardless of lighting or bar code symbology.
Enhanced Power Management: Based on a Li-Ion cell, the HRC-4200 allows maximum operating time and saves energy when the operator does not use the computer.
Outstanding communication capabilities: Voice and Data over GSM/GPRS, WLAN and BT.



- GPS
- Windows CE
- IP54
- 6.2" VGA display
- Smart Card Reader

FEATURES