

Zypad



GPS

**HIGH
PERFORMANCE
CPU AND MEMORY
SYSTEM**

FEATURES

User Friendly operating system. WL 1100 can be supplied with Windows CE 6.0 or Linux.

Ergonomic Design. Designed to comfortably fit the user's wrist for hands free operations.

Wireless Radio Design. Integrated PAN (Bluetooth) and LAN (IEEE 802.11 b/g).

Tilt and dead reckoning system. Anytime, anywhere tracking of the user to detect if the operator has been motionless for a specified amount of time. In this case a location beacon can be transmitted to the remote server.

Multiple I/O. Integrated USB Device and USB Master ports.

320 x 240 (1/4 VGA) 256k Colours High Visibility Display with Touch Screen and Automatic Contrast Adjust. The user comfortably views data and images.

High Performance CPU and Memory System: 128 Mb Flash and 128 Mb RAM. Even complex applications can be run on the device.

Enhanced Power Management. Based on Li-Ion cells, allows maximum operations time and saves energy when the operator does not use the computer (patented).

ZYPAD WL 1100 Wrist Worn Personal Computer is a powerful computing device designed to be worn comfortably on the user's arm.

From its original concept the ZYPAD WL 1100 has been designed to be as flexible as possible maximizing its potential application areas. It will be of special interest to the Emergency services, Security, Defence, Healthcare, Maintenance, Logistics and any area where hands-free access to large amounts information is a necessity.

ZYPAD WL 1100 solidifies the concept of ubiquitous computing by integrating all the power and capabilities expected from a full size PC within an extremely versatile device. The design allows for flexible ergonomic positioning and easy fastening to the arm, even over the users work clothes, thus ensuring ideal weight distribution and maximum comfort.

ZYPAD WL 1100 can be quickly configured to access any remote host system through its integrated wired or wireless interfaces using either the Linux and Windows CE operating systems. Information can be shared and services can be accessed regardless of location.

The system integrates the latest and most innovative features such as a patented tilt and dead reckoning system. It can detect if the operator has been motionless for a specified amount of time by transmitting a location beacon, enabling quick location of the user. The tilt and dead reckoning system also detects the position of the user's arm and converts the system to standby mode when the arm is hanging down beside the body.

For more information on Eurotech wearable computers and accessories, please visit our website: www.zypad.com.



System Architecture

PROCESSOR	PXA 270 @ 400 MHz
MEMORY	128 MB RAM - 128 MB Non Volatile FLASH
DISPLAY	320 x 240 pixels (1/4 VGA) 256K Colours 3.5" TFT with Touch Screen Automatic contrast adjust via ambient light sensor
LED	1 Power On / Charge LED 1 WLAN Activity LED 1 WPAN Activity LED
AUDIO	Integrated
I/O	1 USB Device 1 USB Master Audio In/Out
WPAN	Bluetooth Class 2 (up to 10 meters)
WLAN	Integrated IEEE 802.11b/g with internal antenna
WWAN	External via Bluetooth
GPS	Integrated receiver and antenna
OTHER DEVICES	Accelerometer (linear)
EXPANSION SLOTS	1 user accessible Mini SD
KEYBOARD	11 keys – backlight
POWER	3.6 V 2200 mAh Li-Ion Interchangeable Battery Pack Advanced Power Management Features (patented)
BATTERY CHARGING	External universal power supply Multiple battery charger USB cable connected to a PC Via car cigarette lighter power supply
PEN DEVICE	Integrated stylus connected to the strap
OPERATING SYSTEM	WINDOWS CE 6.0 LINUX based on Kernel 2.6
APPLICATION DEVELOPMENT	CE: Microsoft Platform Builder & EuroTech SDK for CE LINUX: Eurotech SDK for Kernel Linux 2.6
OPERATING TEMPERATURE	-10°C ÷ +50 °C
STORAGE TEMPERATURE	-20°C ÷ +50 °C
HUMIDITY	95% relative humidity non condensing
ENVIRONMENTAL	Waterproof
REGULATORY APPROVALS	USA/CANADA - R&TTE
WEIGHT	290 gr (battery included)

Accessories

BATTERY CHARGING	Universal Power Supply Dual Battery Pack charger Vehicle (cigarette lighter) Battery Charger
DISPLAY PROTECTION	Display Protective Film pack
CABLES	USB Device and USB Master cables
AUDIO	Earphone (cabled) Bluetooth Earphone (wireless)

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