

Product Description

Viper-NET is a battery operated industrial mobile computer designed to capture, compute and communicate information.

It is based on a PXA255 microprocessor. Operating System is Windows CE .NET.

Key features include fully integrated automatic data capture and wireless communication capabilities.

Data capture is performed through an integrated Laser Reader module for 1D bar code; two versions are available, for normal or extended reading range.

Available wireless communication modules are:

- Bluetooth®;
- Wi-Fi 802.11b (manufacturer Cisco)

Other means of communications are RS232, USB and IrDA.

Models

Different data capture capabilities and wireless communication modules are combined in different Viper-NET models (RS232, USB and IrDA are present in every model); here is a list of the most representative models:

VIPER-NET 300-102 Laser normal range, Cisco WiFi
VIPER-NET 300-602 Laser extended reading range, Cisco WiFi
VIPER-NET 301-102 Laser normal range, Cisco WiFi, Bluetooth

Typical use of the communication channels

RS232 and/or USB: not frequently used, mainly at the beginning of the lifetime of the product by the application software developer or once during the working day to synchronize information with a Host Computer; never used to frequently exchange big amount of data with the Host Computer.

WiFi and Bluetooth: typically used in a mutually exclusive way, for different tasks in different applications and/or in different times during the working shift of the same application.

FCC status of the radio emitting components

- WiFi module, Cisco manufacturer: FCC ID LDK102040
- Bluetooth module (Zeevo ZV3001): FCC ID not available