



## APPLICATIONS

The new **BoxPC 15** is the perfect Plug&Play system solution, specially designed for **FANLESS** applications.

- ▶ Industrial Control and Automation
- ▶ Measurement and Control
- ▶ Medical
- ▶ Automation
- ▶ Infotainment

# ICP-BoxPC-15-HI



## ICP-BOXPC-15-HI

### FEATURES

- ▶ Powered by proven technology with support for Intel® Pentium® M Processor up to 1,4 GHz
- ▶ Mobile Intel® 915GME Express Chipset
- ▶ Full PCI Express® and PCI™ compatible
- ▶ On board AC '97 Codec with Line IN, AUX IN, MIC IN
- ▶ Line OUT and SPDIF OUT optional
- ▶ Two PCI-Express Mini Card connectors; one prepared for modem solutions with SIM card socket and one ready for flash memory card
- ▶ Supports up to 2GB DDR2 memory
- ▶ Design, Production and Support "Made in Germany"

### BENEFITS

- ▶ Low emission, high immunity
- ▶ Long term availability
- ▶ Free of rotating parts
- ▶ Full software compatibility
- ▶ Rugged & reliable choice for demanding embedded applications
- ▶ Small installation depth



## OVERVIEW

The EMTrust BoxPC15 is powered by proven technology, including Intel® Pentium® M Processor up to 1,4 GHz and the Mobile Intel® 915GME Express Chipset. The per-compact Plug&Play system solution optional automotive or standard grade harddisks, wireless module supporting GPRS, EDGE, UMTS and HD-SPA is also available.

## SPECIFICATION SUMMARY

- ▶ CompactFlash Socket
- ▶ Full PC functionality
- ▶ Fast Ethernet Port
- ▶ SATA Interfacing
- ▶ Two PCI-Express Mini-Card Connectors
- ▶ Modem solution with SIM card socket

## SPECIFICATIONS

### CPU

Intel® Pentium® M Processor up to 1,4 GHz, 600/800 and 1GHz also available

### CHIPSET

Mobile Intel® 915GME Express Chipset with Intel® ICH7M

### SYSTEM MEMORY

Up to 2 GB DDR2 memory

### ULTRA ATA INTERFACE

1x internal 2mm header  
1x Compact Flash socket

### SERIAL ATA INTERFACE

2x internal

### 10/100 MBIT ETHERNET

Yes (Option)

### GIGABIT ETHERNET

Yes (Option)

### WLAN

Yes, IEEE 802.11b/g (Option)

### WIRELESS

Yes, GPRS/EDGE/UMTS/HSDPA module (Option)

### USB 2.0 PORTS

2x Type A

### ANALOG VGA PORT

Yes (Option)

### SOUND

On board AC'97 Codec (audio cable optional)

### HEALTH MONITORING AND MANAGEMENT

Controllable FAN, Hardware Monitoring and Watchdog

### HARDDISK

Automotive or standard grade harddisks (Option) or industrial flash disks (Option)

### CONNECTORS

Two RS-232 COM  
DVI-I  
PS/2 for keyboard and mouse (Option)  
IRDA (Option)  
Consumer IR (Option)

### POWER INPUT

8V-20V/5A (optional 230V) others on request

### FANLESS

Designed for fanless operation

### SIZE

230 mm x 230 mm x 46 mm (L x W x H)

### MOUNTING

Stand alone, Top Hat Rail Mounting, others on request

### TEMPERATURE RANGE

FANLESS Operation:  
0°C to +50°C ambient  
extended temperature ranges upon request

Storage:  
-40°C to +85°C ambient

### HUMIDITY

Max. rel. humidity of atmosphere  
non condensing  
Working up to 75%  
Storage up to 95%



## ORDERING INFORMATION

ICP-BOXPC-15-HI

PASSIVELY-COOLED PENTIUM® M PROCESSOR, DVI-I CONNECTOR, 1x GIGABBIT ETHERNET,  
2x USB 2.0 CONNECTORS, 2X RS232 CONNECTORS

NOTES: IF A HARD DISK IS USED, ONLY AUTOMOTIVE-UNITS ARE INSTALLED.

FOR THE CUSTOMIZED BOX-PC OR OTHER CONFIGURATIONS, PLEASE CONTACT EMTRUST SALES DIRECTLY.