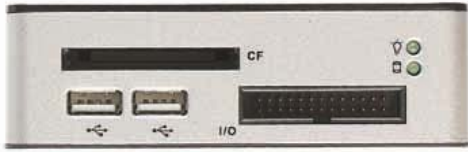
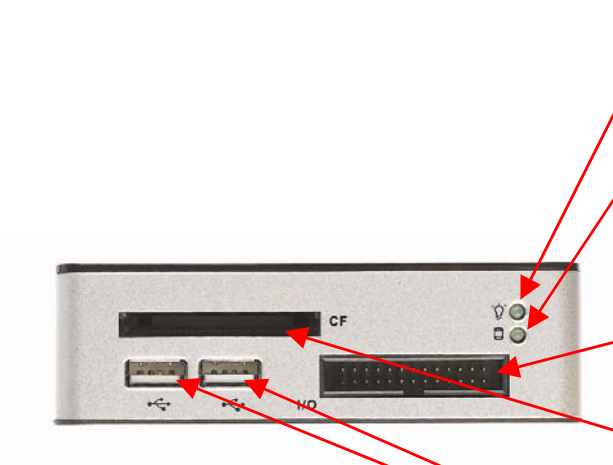


eBOX-2300SX Compact Embedded Computer



eBox-2300SX OVERVIEW

Front Panel



Power LED

The power LED lights up, when system is turned on.

HDD LED

The HDD LED flashes when the system is working. Please do not turn off the system when HDD start running

GPIO (optional)

24-bit GPIO connector.

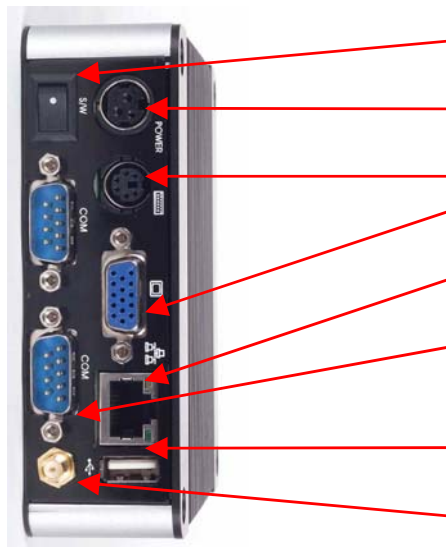
CF Slot

For connection to Device with CF Card and Micro Driver.

USB port

For connection to devices with USB interface(HDD, CD/DVD-ROM, Memory Stick, etc.)

Back Panel



▶ Power switch

▶ DC Power Jack (3-pin)

▶ PS/2 Keyboard or Mouse (6-pin)

▶ VGA

▶ RJ-45 LAN Jack

▶ Serial Port (option for eBox-2300SX-JSK)

▶ USB Port

▶ Wireless Antenna connector (optional)

■About The Embedded CPU Board

SYSTEM SPECIFICATION

CPU

Vortex86SX SoC (System on Chip)

Main Memory

128MB DDR2

BIOS

AMI BIOS

VGA

XGI Z9S with 32MB DDR2

Resolution up to 1,280x1,024 High Colors

Keyboard and Mouse

PS/2 Keyboard and Mouse

On-Board IDE

Enhanced IDE interface, 44-pin box header x 1

Peripheral

1. USB V2.0 (host) x 3
2. Serial port x2(available for eBox-2300SX-JSK)
3. 24-bit GPIO (available for eBox-2300SX-JSK)
4. MiniPCI socket (available for eBox-2300SX-JSK)
5. Type I/II CF Slot (Support Micro Driver)

Dimension & Weight

115 x 115 x 35 mm / 505g

Operating System

Suitable for –

Windows Embedded CE

DOS

Linux

eBox-2300SX



TECHNICAL SPECIFICATION

Features	Description
CPU	Vortex86SX SoC
BIOS	AMI BIOS
System Memory	Onboard 128MB DDR2
Expansion	1x Mini-PCI connector (option for eBox-2300SX-M)
I/O	
MIO	1 x EIDE (44-pin) 2 x RS-232**, 1x PS/2 for K/B or Mouse 1 x RJ-45 Ethernet Connector 1 x Type I/II Compact Flash slot
USB	3 x USB 2.0 Ports (two in front)
Display	
VGA	XGI Z9S with 32MB DDR2 External 15-pin D-type female VGA connector
Resolution	Up to 1280x1024
Ethernet	
Remote Boot ROM	Built-in boot ROM function
Mechanical & Environment	
Power Requirement+	5V @ 1080mA
Operating Temperature ⁰	0 ~ 60°C
Operating Humidity	0% - 90% relative humidity, non-condensing
Size (W x H x D)	115 x 115 x 35 mm
Weight	505g
Certification	CE,FCC

eBox-2300SX

