IOVU-570M

RISC-based Panel PC

The IOVU-570M is powered by Marvell XScale® PXA270 and Windows CE 5.0. Its 520MHz high performance CPU, VGA (640 x 480) TFT LCD, and resistive touch input provide customers with a powerful platform for graphical user interface (GUI) and supervisory control and data acquisition (SCADA) applications. The IOVU-570M provides rich networking function, such as dual Ethernet, WiFi, USB, and serial port, for easy and seamless networking to existing communication networks. Its rugged, compact, fanless, and IP64 front panel designs make it especially durable in harsh environment and wide temperature.
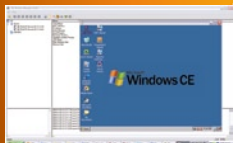
NEW!

Wide Temperature -20°C~60°C

Wireless 802.11 b/g

XScale® PX270 solution

ARM POWERED

Microsoft Windows CE 5.0

IOVU RISC-based PPC

Features

- RISC-based processor provides high performance and extremely low power consumption
- 5.7" TFT VGA LCD with resistive touch screen
- Default 1GB secure digital card for OS and user data/programs
- Built-in 802.11b/g Wireless LAN module

- Built-in 1.5W speakers
- IP64 compliant front panel
- Fan-less design for rigorous environments
- Preinstalled Windows® CE5.0 operating system
- Windows® CE5.0 SDK for user application software development

b|g WiFi

WiFi function supports 802.11b/g

Windows CE

Remotely control

SD card
Preinstalled Windows® CE5.0 or ARM-Linux boot from secure digital card

Dual LAN
Dual LAN function provides Ethernet redundant area application

RS-232 /422/485
Software controllable RS-232/422/485 has industrial communication be more flexible.

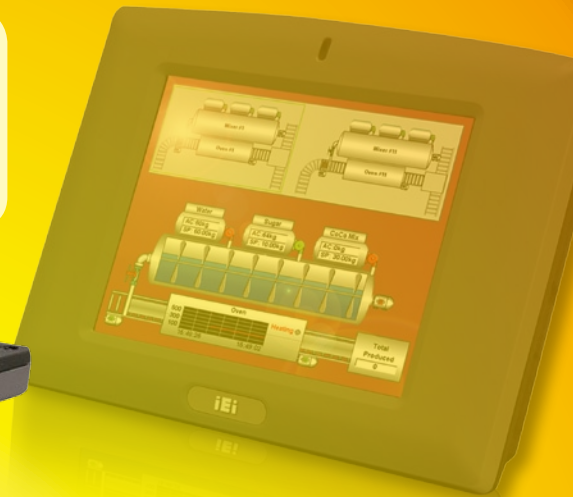## Application

Preinstalled Windows® CE5.0 or ARM-Linux boot from secure digital card

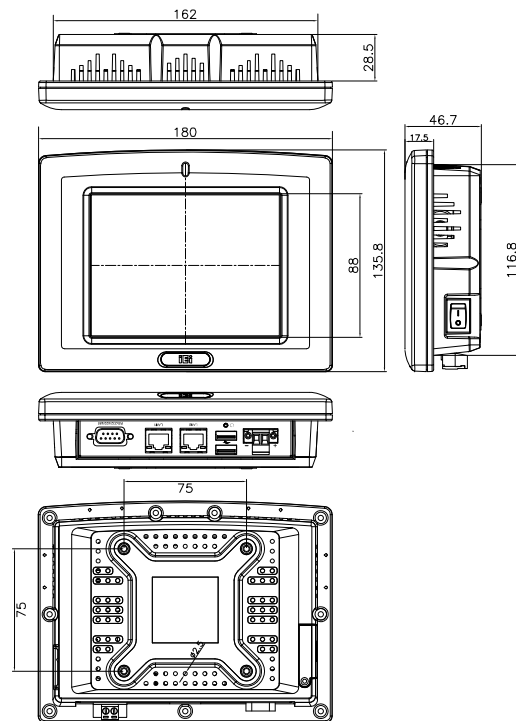**SD card**

2 x USB1.1 host

12~36 V DC-IN

Reset button

10/100Mbps LAN

RS-232/422/485 (software controllable)

IOVU-570M Specifications

Model	IOVU-570M
LCD size	5.7"
Max. Resolution	640 x 480
Brightness (cd/m²)	400
LCD Color	262K
Pixel Pitch (mm)	0.06(H) x 0.18(V)
Backlight MTBF	25000 hrs
Touch Screen	Resistive type
CPU	MARVELL XScale® PXA270 520MHz
RAM	128MB SDRAM
Bootloader Storage	2MB boot ROM
OS/Program Storage	1GB secure digital card
I/O Ports and Switches	1 x RS-232/422/485 (software controllable) 2 x 10/100Mbps LAN 2 x USB1.1 host 1 x SD card slot 1 x Reset button 1 x On/Off power switch 2pin terminal block DC input Built-in WiFi module : 802.11b/g
Audio	1.5W speaker x 2
Construction Material	ABS + PC Plastic
LED Function	1 x Power ON/OFF LED on front panel
Mounting	Wall, Stand, Vstand and Arm (VESA 50 x 50)
Front Panel Color	Black
Dimension (W x H x D mm)	180 x 135 x 45
Operation Temperature (ºC)	-20 ~ 60
Storage Temperature (ºC)	-20 ~ 80
Net Weight (kg)	0.7
IP Level (front panel)	IP 64
Power Requirement	12~36V DC input
Power Consumption	8W

Dimensions (Unit : mm)

162

28.5

180

46.7

17.5

88

135.8

116.8

75

75

Packing List

1 x IOVU-570M

1 x Utility CD includes application tools, SDK, and technical document.

1 x Null modem cable

1 x Touch pen

Ordering Information

Part No.	Description
IOVU-570M-CE5/-R10	5.7", VGA fan-less touch panel PC with MARVELL XScale® PXA270 CPU, 128MB SDRAM, 802.11b/g wireless LAN and built-in Windows® CE5.0 Operating System