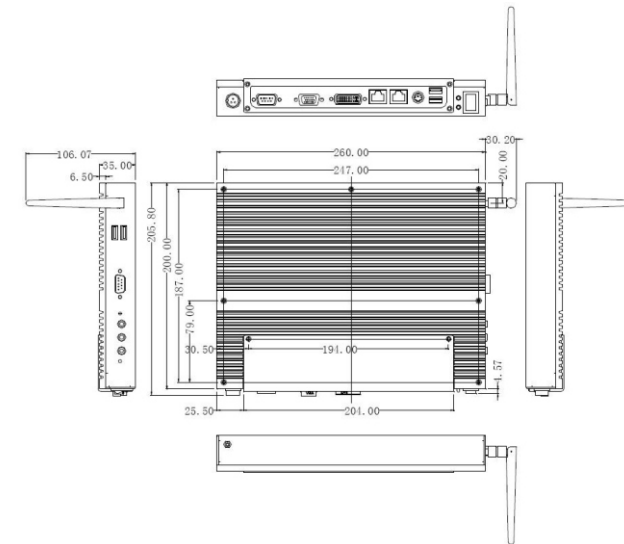


# SPC-0001

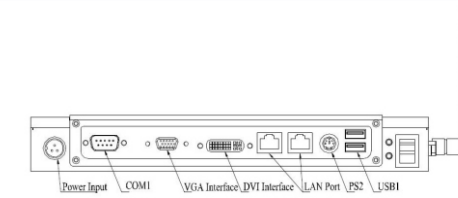
Industrial Low-power Multi-media Video PC



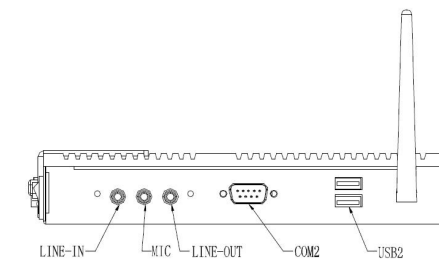
## Dimensions



## Front Panel External I/O Mechanical Layout/Drawing



## Right Panel External I/O Mechanical Layout/Drawing



1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard/Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOC Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards &amp; Modules

11

Accessories



## Features

- Onboard ultra-low-power VIA NANO U2350 Processor
- Supports 1080P, 720P high-definition video format
- 2 x onboard 10/100/1000Mbps LAN
- 1 x RS-232, 1 x RS-232/422/485 serial port, 4 x USB port
- Supports dual display of VGA and DVI
- Supports wireless

## Specifications

System	
Processor	VIA NANO U2350
Chipset	VIA VX800
Memory	1GB DDR II RAM
Hardware Monitor	Monitors the system status, voltage, temperature
Watchdog Timer	Software programmable supports 1~255 sec./min. System reset/interrupt
Expansion Interface	1 x Mini-PCI
I/O Interface	
USB	4 x USB2.0 port
Serial Port	1 x RS-232, 1 x RS-232/422/485 serial port
PS/2	1 x PS/2
Ethernet	
Chipset	2 x Ethernet chip
Speed	10/100/1000Mbps
Connector	2 x RJ45 LAN connector
Power	
Power Supply	Supports DC 9V~30V power supply or adapter AC220V input
Test	
Vibration	Amplitude 5~19Hz/1.2mm; acceleration 19~200Hz/1.2g
Shock	15g acceleration peak-peak, 11ms pulse
EMC/EMI	Limits of radio disturbance are compliant with GB9254-1998, Class A / Immunity to disturbance is compliant with the limits of GB/T17618-1998

Storage	
IDE	1 x 160G laptop HDD
CF	1 x CompactFlash socket, mobile storage device in IDE mode, satisfying more expansion requirements

Onboard Video	
Chipset	VIA Chrome9 Hc3 IGP, 128-bit 3D engines
Memory	128MB shared video memory
Display	1 x standard VGA display port, 1 x standard DVI-D display port, supporting dual-display

Mechanical and Environmental	
Dimensions	260mm(W) x 200mm(D) x 35mm(H)
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Safety	GB4943 compliant
Operating Temperature	-10°C~55°C
Storage Temperature	-40°C~60°C
Operating Humidity	RH=93%, +40°C

Operating System	
Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/WinCE

## Available Accessories

Part Number	Name	Description	Qty.
2100-060971	Power supply adapter/EPS	90/F10903-A(85)R/round head 4 Pin	1
2360-024791	AC power supply cable/KING-CORD	KC-018 to KC-008/length: 1.5M/K18081H5150BB/national standard	1
	Driver CD/protective film	SPC-0001	1
	User Manual/Chinese and English	SPC-0001/Long March series	1
1475-007841	Hanging bracket	Blank/210x48x1.2/Silver coating	2
2391-000391	Screw	Pan head M3x5/GB-T818-1985	6

## Ordering Information

Part Number	Model Number	Description
0010-016200	SPC-0001-01	Complete PC: U2350 1.3G/1G/160G/EC4-1721CLD2NA/90W/SPC-0001-01
0010-016210	SPC-0001-02	Complete PC: U2350 1.3G/1G/160G/EC4-1721CLD2NA/90W/Wireless LAN/SPC-0001-01
0020-036120	SPC-0001-02/no power supply/no backplane	Empty Chassis
0020-040380	SPC-0001-01/no power supply/no backplane	Empty Chassis