SPC-0208

Standard 2U Rackmount Industrial PC

Features

- Onboard low-power Intel® Celeron® M/Pentium® M CPU
- Four 10/100 Mbps network ports
- Ten photoelectric isolation RS-232/422/485 ports
- Two PCI expansion slots, internal PC/104-Plus bus port
- High-performance of EMC, anti-vibration and anti-shock

Specifications

System

Processor	Onboard ultra-low-power Intel® Celeron® M/Pentium® M Processor
Chipset	Intel® 910GMLE+ICH6M
Memory	1 x 200-pin SO-DIMM slot, DDRII 400MHz up to 1GB
Hardware Monitor	Monitors the system status, voltage, temperature
Watchdog Timer	Software programmable supports 1~255 sec./min. System reset/interrupt
Expansion Interface	2 x PCI expansion slot, PC/104 and PC/104-plus bus port (internal)

I/O Interface

USB	2 x USB2.0 port
Serial Port	10 x RS-232/422/485 port (ten isolated high voltage-withstand RS-232/422/485 ports)
PS/2	1 x PS/2
Parallel Port	1 x LPT port
Audio	AC'97, supporting Mic-in, Line-in and Speaker-out

Ethernet

Chipset	4 x RealTek 8139D Ethernet chip
Speed	10/100Mbps
Connector	4 x RJ45 LAN connector

Power

Power Supply	Supports AC220V power supply
Power Consumption	N/A

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 44-pin 2.5" IDE port, DOM (optional)
CF	1 x CompactFlash socket, mobile storage device in IDE mode, satisfying more expansion requirements

Onboard Video

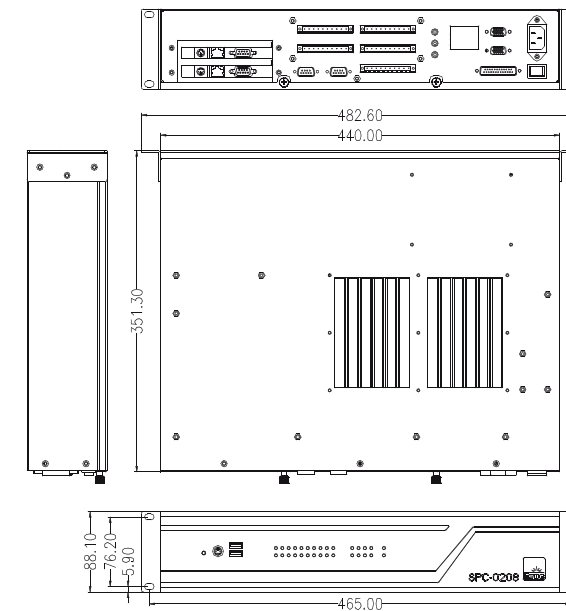|	
Chipset	Intel® 910GMLE integrated graphics controller
Memory	128MB shared video memory
Display	2 x standard VGA display socket

Mechanical and Environmental

Dimensions	482.6mm(W) x 351.3mm(D) x 88.1mm(H)
Reliability	MTBF≥50000h; MTTR≤0.5h
Safety	GB4943 compliant
Operating Temperature	-10℃~60℃
Storage Temperature	-40℃~60℃
Operating Humidity	RH=93%,+40℃

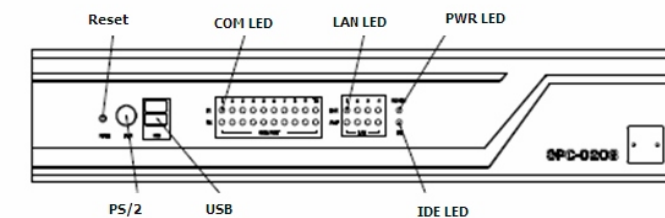### Operating System

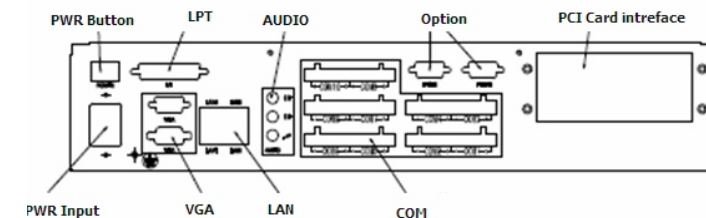|	
Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/WinCE

Dimensions

Front Panel External I/O Mechanical Layout/Drawing

Rear Panel External I/O Mechanical Layout/Drawing

Available Accessories

Part Number	Name	Description	Qty.
2360-005031	Converter cable (RoHS) (A2)	Mini-DIN PS/2 Y-cable for keyboard and mouse, length: 250mm	1
2360-013271	AC power cable	Length: 1500mm (USA standard) 821	1
2372-001141	Rubber pad	20x20mm RoHS	4
——	Setup Guide	AMI BIOS Setup Guide (for CORE 8)	1
——	User's Manual/RoHS	SPC-0208/Long March series	1
——	Driver CD/Protective film/RoHS	SPC-0208	1

Ordering Information

Part Number	Model Number	Description
0010-014981	SPC-0208-01/Long March series	Complete PC/RoHS: ULV Celeron® M 600M/512M/160G/ETX-1712CLDNA/ SPC-0208-ZB/220V AC input AT power supply/SPC-0208
0010-000221	SPC-0208-02/Long March series	Complete PC/RoHS: Pentium® M 1.4G/512M/80G/ETX-1712CLDNA/ SPC-0208-ZB/220VAC inputAT power supply/SPC-0208
0010-016520	SPC-0208-03/Long March series	Complete PC/RoHS: ULVCeleron ® M 600M/512M/1G industrial CF card/ ETX-1712CLDNA/SPC-0208-ZB/220VAC inputAT power supply/SPC-0208
0010-016530	SPC-0208-04/Long March series	Complete PC: Pentium® M 1.4G/512M/1G industrial CF card/ETX-1712CLDNA/ SPC-0208-ZB/220VAC input ATpower supply/SPC-0208
0020-004491	SPC-0208-01/02/no power supply/no backplane/Long March series	Empty chassis/RoHS: SPC-0208-01/02/no power supply/no backplane/Long March series
0020-036501	SPC-0208-03/04/no power supply/no backplane/Long March series	Empty chassis/RoHS: SPC-0208-03/04/no power supply/no backplane/Long March series