

SE-8210



3rd Gen. Intel® Core™ mobile fanless and high performance embedded PC



Features

- 3rd Gen. Intel® Core™ mobile i3/i5/i7 (rPGA-988) processor
- Intel® QM77 / HM76 chipset
- 4 x USB 3.0
- Built-in CFast slot for external storage or system boot up
- Riser card supports 1 x PCIe(x4) or 1 x PCI slot
- Optional 802.11b/g/n Wi-Fi module
- 3 independent displays
- Wide range voltage DC in 9~36V
- Windows XP, Win7, Win8, Win8.1

Specifications

System

CPU Support	3rd Gen Intel® mobile i3 / i5 / i7 (rPGA-988) processor
Chipset	Intel® QM77 / HM76
Memory Support	2 x DDR3 SO-DIMMs, supports DDR3/DDR3L 1600/1333/1066, up to 16GB
Watchdog	1~255 seconds Watchdog timer selectable
Drive Bay	2 x 2.5" SATA HDDs 1 x Slim DVD-ROM (option)
Audio	1 x Line-out / 1 x MIC
Power Input	DC in 9~36V
Expansion Slot	1 x full size mini PCIe (for WLAN module) 1 x SIM card slot 1 x CFast slot 1 x PCIe(x 4) or 1 x PCI (max 10W) Selectable (slim DVD-ROM) / (PCIe or PCI slot)
System Weight	4.5 Kg
Operating System	WinXP, Win7, Win8, Win8.1
Dimension (W x H x D)	260 x 89 x 200 mm
Certificate	FCC / CE

I/O Ports (Front side)

Display	2 x DPs
USB	2 x USB2.0
Serial Port	COM 5/6 for RS232
Parallel port	1 x DSub-25
Digital I/O port	8 in / 8 out , DSub-25 type or 16-pin terminal block with DC out 12V/5V (1A)
SIM Card	1
CFast Slot	1
Expansion Slot	Slim DVD-ROM (option)

I/O Ports (Rear side)

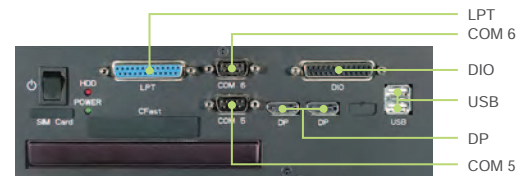
Display	1 x VGA
USB	4 x USB 3.0
Audio	1 x Line-out, 1 x MIC
LAN	2 x GbE LANs, wake-On-LAN, PXE LAN 1: Intel® 82579LM LAN 2: Intel® 82583V
Serial Port	COM1/3/4 for RS-232 COM2 for RS-232/422/485, pin-9 5V/12V selectable
Expansion Slot	1 x PCIe(x4) slot 1 x PCI slot
Power Input	DC in 9~36V (DIN type 4-pin connector or 3-pin terminal block)

Environment

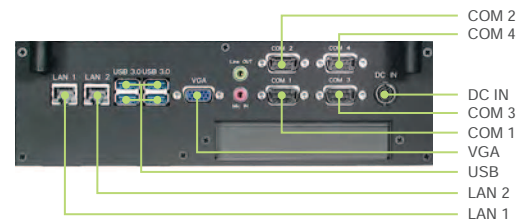
Operating Temperature (with airflow)	HDD: 0°C ~45°C (32°F ~ 122° F) SSD: 0°C ~50°C (32°F ~ 113° F) Wide range temperature CFast: 0°C ~ 55°C (32°F ~ 131° F) w/o audio
Storage Temperature	- 20°C ~ 60°C (-4°F ~140°F)
Humidity	10% ~ 90%

* All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales

System Front View



System Rear View



Ordering Information

Order No	Description
SE-8210RA-A0B	Intel® QM77 embedded PC with DSUB-25 DIO (barebone)
SE-8210RA-B0B	Intel® QM77 embedded PC with 16-pin terminal block DIO (barebone)
SE-8210RA-C0B	Intel® HM76 embedded PC with DSUB-25 DIO (barebone)
SE-8210RA-D0B	Intel® HM76 embedded PC with 16-pin terminal block DIO (barebone)

Ordering Accessories

Order No	Description
52-002-02012001	120W DC power adapter(DIN-4P)(w/Lock)
SE-8210RA-WM0	SE-8210 embedded PC wall mount kit
SR-8210RA-R1N	1 x PCIe(x4) slot riser card
SR-8210RA-R2N	1 x PCI slot riser card
SE-8210RZ-WL3	SE-8210 Wi-Fi kit (one antenna)
52-480-14019405	Slim SATA DVD+/-RW(black)
27-006-00006114	2 x USB 2.0 cable (with bracket)
SE-8210RZ-OT0	SE-8210 embedded PC I/O dust cover kit