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TECHNOLOGY GROUP

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Find the *RadiSys EPC-3208* at our website: *Click HERE*

EPC-3208 Series *CompactPCI®* SBC QuickReference Card

This card provides information to help you quickly configure, install, and operate your Single Board Computer. Keep this card in a convenient location for future use. See the Service Manual for more detailed information.

This illustration shows all optional on-board peripherals installed.

P2ES version includes:

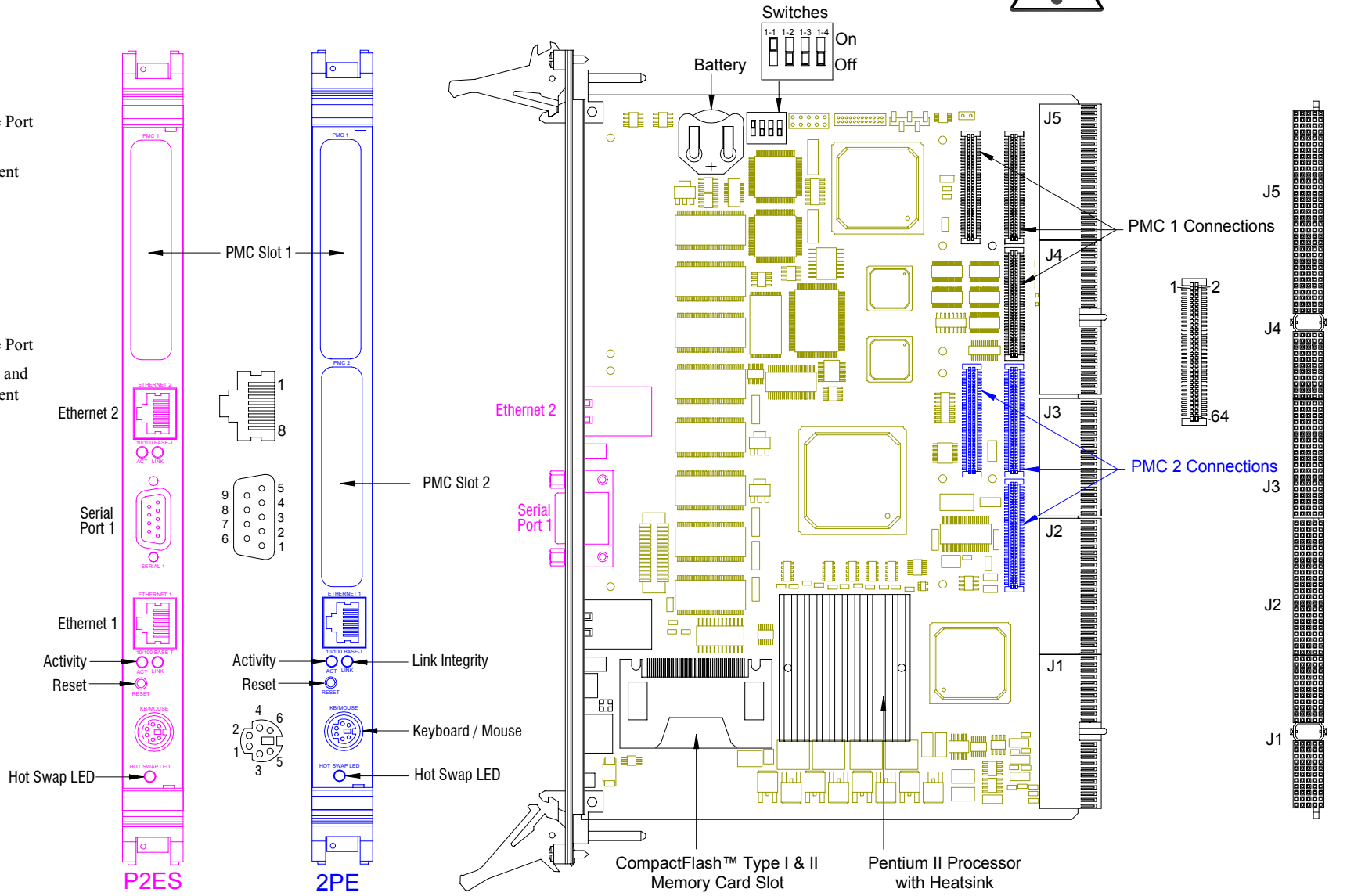
- 1 PMC Slot
- 2 Ethernet Ports
- 1 Serial Port
- 1 PS/2 Keyboard Mouse Port

with P2ES version, PMC 2 Connections will not be present

2PE version includes:

- 2 PMC Slots
- 1 Ethernet Port
- 1 PS/2 Keyboard Mouse Port

with 2PE version, Ethernet 2 and Serial Port 1 will not be present



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March 2000
Specifications subject to change without notice

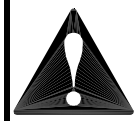
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QuickStart

To begin operating your EPC-3208 series SBC, perform the following:

1. Ensure that all switch settings match your requirements
2. Install CompactFlash memory card and PMC device(s)
3. Install the SBC onto a passive backplane in a chassis
4. Attach all necessary peripheral devices to the appropriate connectors on the SBC
5. Power-on the system
6. Run the Setup Utility if you need to change any settings to match your requirements
   Note: See the table “Setup Utility” for factory default settings.



To avoid damage or injury, always exercise the following precautions when handling the equipment:
- Use a grounding wrist strap or other static-dissipating device
- Power-off the system
- Disconnect all power cords

Technical Support

RadiSys provides technical support Monday – Friday, from 7:00 a.m. – 6:00 p.m., Central Time, in the Continental USA, and from 8:30 a.m. – 5:00 p.m. in Europe.

To expedite your request, have the RadiSys product model and serial number available.

For Technical Support or Product Service	• In the Continental USA, dial 800-438-4769. • Outside the USA, dial 713-541-8200 (add long distance/ international codes). • In Europe, dial +31-36-5461072. If returning products, place the Returned Materials Authorization (RMA) number, along with the product serial number on the packaging materials and correspondence. **Note:** The factory does not accept RMAs sent freight collect.
Website	http://www.radisys.com

Switch Settings

SW1-1	**Not Used**	
SW1-2	**On-Board ROM Access**	
	Open/Off	Crisis Recovery Mode disabled (default)
	Closed/On	Crisis Recovery Mode enabled
SW1-3	**CMOS RAM**	
	Open/Off	Normal operation (default)
	Closed/On	Factory default values are loaded
SW1-4	**Configuration Ports**	
	Open/Off	Map ports to I/O address 270 – 273 (default)
	Closed/On	Map ports to I/O address 370 – 373

Setup Utility

Note: This table lists all optional on-board peripherals installed.

Setup Item	Default Setting
System Time	Current (Hours, Minutes, Seconds)
System Date	Current (Month, Day, Year)
Legacy Diskette A	1.44/1.25 MB 3½”
Legacy Diskette B	Disabled
IDE Adapter Type	Auto (all 4 possible drives)
Memory Cache	Enabled
Cache System BIOS Area	Write Protect
Cache Video BIOS Area	Write Protect
Cache Base 0 — 512 KB	Write Back
Cache Base 512 — 640 KB	Write Back
Cache Extended Memory Area	Write Back
Cache A000 — EFFF	Disabled (all regions)
Boot Summary Screen	Enabled
Floppy Check	Disabled
Quiet Boot Screen	Enabled
POST Errors	Enabled
Hard Disk Pre-Delay	Disabled
Pre-Boot System Idle	Disabled
Keyboard Numlock	Auto
Key Click	Disabled
Keyboard Auto-Repeat Rate	30/sec
Keyboard Auto-Repeat Delay	1/2 sec
Serial Port 1	Enabled / 3F8/IRQ4
Serial Port 2	Enabled / 2F8/IRQ3
Parallel Port	Enabled / Bi-Directional, 378, IRQ7
Floppy Disk Base I/O Address	Enabled / Primary
Local Bus IDE Adapter	Both
ECC Config	EC
Watchdog Timer Status	Disabled
Watchdog Timer Delay	1.2 sec
Thermal Duty Cycle	37.5%
PCI IRQ Line 1 — 4	Auto Select (all IRQ lines)
Backplane INT# Lines IRQ A – D	Disabled
Local ENUM# IRQ	Disabled
USB IRQ Enable	Yes
Latency Timer	Auto
Cache Line Size	Auto
PCI/PNP ISA UMB Region Exclusion	Available (all regions)
PCI/PNP ISA IRQ Resource Exclusion	Available (all IRQ’s)
Ethernet 1	Disabled
Ethernet 2	Disabled
Ethernet Port	Front Panel
Intel 554 PCI-PCI Bridge (setup override)	No
If "554 Bridge Setup Override" is Yes:	
Primary CSR and Downstream Memory 0 BAR	
Size	4 KB
Type	Anywhere
Pre-fetchable	No
Downstream Memory 1 BAR	
Size	Disabled
Type	Anywhere
Pre-fetchable	No
Downstream Memory 2 BAR	
Size	Disabled
Type	Anywhere
Pre-fetchable	No
Downstream Memory 3 BAR	
Size	Disabled
Pre-fetchable	No
Upstream Memory 0 BAR	
Size	Disabled
Type	Anywhere
Pre-fetchable	No
Upstream Memory 1 BAR	
Size	Disabled
Type	Anywhere
Pre-fetchable	No
Upstream Memory 2 BAR	
Page Size	Disabled
PS/2 Mouse	Auto Detect
On-board Speaker	Enabled
CPU BIOS Update	Enabled
Plug & Play O/S	No
Secured Setup Configuration	Yes
Reset Configuration Data	No
Large Disk Access Mode	DOS
Password on Boot	Disabled
Fixed Disk Boot Sector	Normal
Diskette Access	Supervisor
Virus Check Reminder	Disabled
System Backup Reminder	Disabled
Power Savings	Disabled
Standby Timeout	Off
Auto Suspend Timeout	Off
Hard Disk Timeout	Disabled
Video Timeout	Disabled
Resume on Modem Ring	Off
Resume on Time	Off
Resume Time	00:00:00 (24-hour format)
Dynamic Console	Disabled
Console Redirect Port	Disabled
Console Redirect Baud Rate	9600

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