

PCI-947

Celeron Pentium III Single Board Computer with DVI

Board Rev. 2

QUICK REFERENCE

Document version 1.4



⚡ There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type. Dispose of used batteries according to the manufacturer's instructions.

🔧 First Level Debugging

1. Remove all peripheral boards and keep only the SBC.
2. Remove all cables from the SBC except the video cable.
3. Make sure the memory is working well and is properly inserted.

Connectors

J1,J6, DIMM Memory	J16 Hardware Monitor
J11,J15	J17 ATX auxiliary
J2 EIDE - Primary	J18 Compact Flash
J3 Floppy	J19 Mouse PS/2
J4, J5 Serial Ports 1 & 2	J20 PS/2 Keyb & Mouse
J7 Secondary IDE	J21 USB
J8 USB Port	J22 CPU Fan
J9 Multifunction Keyb., speaker etc.	J23 CPU Fan
J10 Parallel Port	J24 Battery
J12 Power Button	J25 SCSI LED Connector
J13 SCSI	J26 Ethernet
J14 Flat Panel	P1 DVI

JUMPER SETTINGS (* : Default Setting)

W1 - SCSI Termination

No termination	Off
Controlled by software	1-2
Hardware terminated	2-3

W7 - Battery Source

On Board	1-2
* External	2-3
Battery disconnected	Off

W4 - Video Enable

* Enabled	Off
Disabled	On

W9 - VT-100 Enable

* Disabled	Off
Enabled	On

W8 - Reserved

W2, W3 - COM2 Terminations

RS-422/485 modes only	W2	W3
With termination resistors	On	On
* Without termination resistors	Off	Off

W5 - Compact Flash Disk

* Slave	Off
Master	On

W6 - Power Fail : Source Detection

* Offboard Battery	1-2
Onboard Battery	2-3

NOTE 1
To prevent the board from spurious PFI (Power Fail Interrupt), the jumper cap W6 must always be installed at either 1-2 or 2-3 position.

W12 - Flat Panel Clock Setting

* Falling Edge (Normal mode)	1-2
Rising Edge (Inverted mode)	2-3



