




ADVANTECH PCA-6135 Single Board Computer User Guide

[Home](#) » [Advantech](#) » ADVANTECH PCA-6135 Single Board Computer User Guide 

Contents

- [1 ADVANTECH PCA-6135 Single Board Computer](#)
- [2 SPECIFICATION](#)
- [3 CONNECTIONS](#)
- [4 USER CONFIGURABLE SETTINGS](#)
- [5 SIMM CONFIGURATION](#)
- [6 SSD BATTERY BACKUP SELECTION](#)
- [7 SSD I/O ADDRESS SELECTION](#)
- [8 SERIAL SETTINGS](#)
- [9 Documents / Resources](#)
- [10 Related Posts](#)

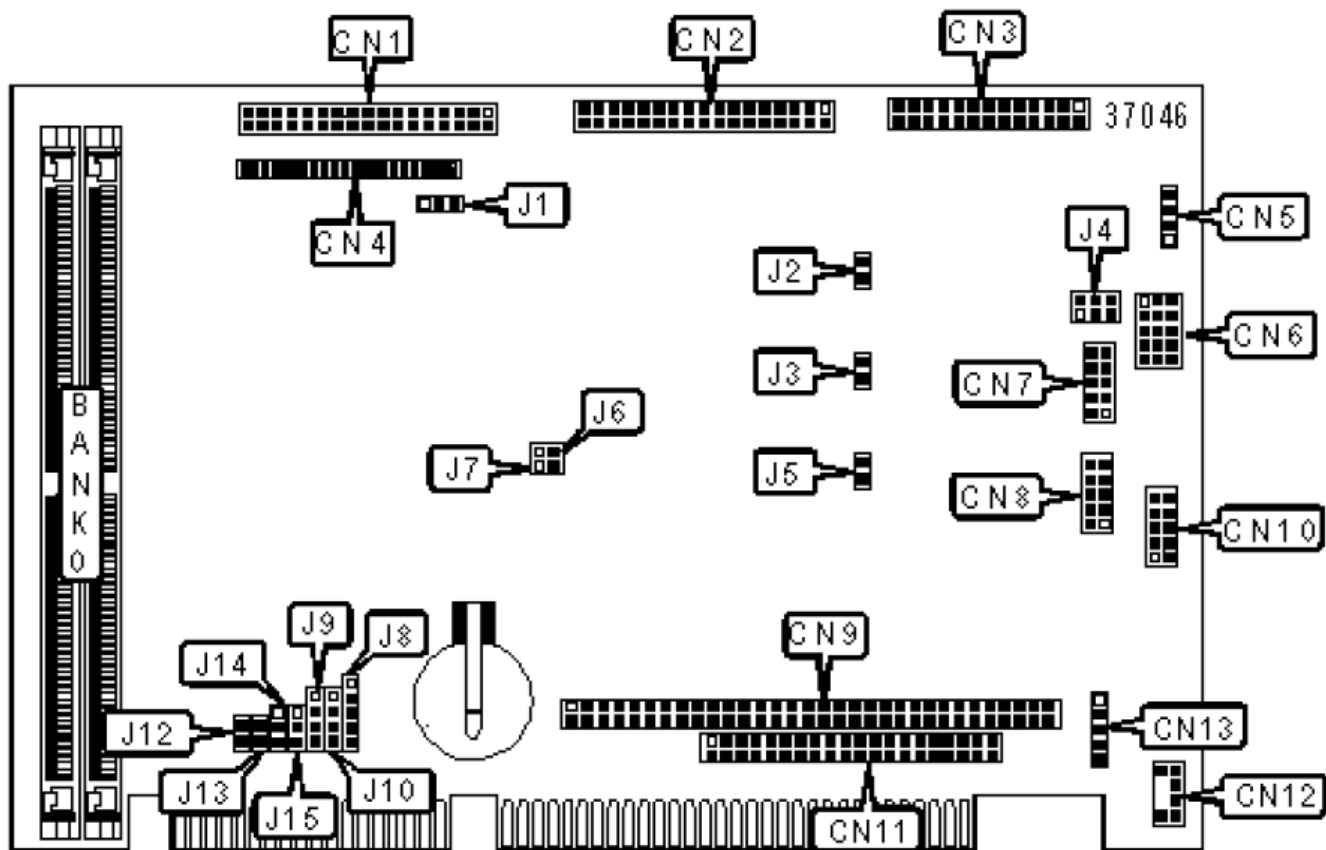


ADVANTECH PCA-6135 Single Board Computer



SPECIFICATION

- **Device Type:** Single Board Computer
- **Processor:** 80386SX
- **Processor Speed:** 40MHz
- **Chip Set:** ALI
- **Video Chip Set:** Chips and Technology
- **Maximum Onboard Memory:** 32MB
- **Maximum Video Memory:** 1MB
- **BIOS:** AMI
- **Dimensions:** 185mm x 122mm
- **I/O Options:** Floppy drive interface, IDE interface, parallel interface, serial ports (3), VGA interface, PC/104 connector (16-bit)
- **Data Bus:** 16-bit ISA



CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface	CN1	Serial interface 1	CN10
Floppy drive interface	CN2	PC/104 connector (16-bit)	CN11
Parallel interface	CN3	Keyboard connector	CN12
LCD connector	CN4	PS/2 keyboard interface	CN13
Power connector	CN5	Keyboard lock connector	J8
VGA interface	CN6	Speaker	J10
Serial interface 2 (RS-422/485)	CN7	IDE interface LED	J12
Serial interface 3 (RS-232)	CN8	Reset switch	J13
PC/104 connector (8-bit)	CN9		

USER CONFIGURABLE SETTINGS

Function		Label	Position
	LCD selected	J1	Pins 1 & 2 closed
	EL selected	J1	Pins 2 & 3 closed
	Internal battery selected	J9	Pins 2 & 3 closed
	External battery selected	J9	Pins 1 & 4 closed
»	CMOS memory normal operation	J14	Pins 1 & 2 closed
	CMOS memory clear	J14	Pins 2 & 3 closed
»	Watchdog timer generates system reset	J15	Pins 1 & 2 closed
	Watchdog timer generates through IRQ15	J15	Pins 2 & 3 closed

SIMM CONFIGURATION

Size	Bank 0
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36

SSD BATTERY BACKUP SELECTION

Function	J2	J3	J5
SRAM	Closed	Closed	Closed
Flash/EPROM	Open	Open	Open

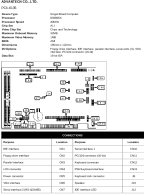
SSD I/O ADDRESS SELECTION

Size	J6	J7
» Disable	Closed	Closed
210H	Open	Closed
220H	Closed	Open
230H	Open	Open

SERIAL SETTINGS

Size		J4
»	RS-232	Pins 1 & 2 closed
	RS-422	Pins 3 & 4 closed
	RS-485	Pins 5 & 6 closed

Documents / Resources

	<p>ADVANTECH PCA-6135 Single Board Computer [pdf] User Guide</p> <p>PCA-6135 Single Board Computer, PCA-6135, Single Board Computer, Board Computer, Computer</p>
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