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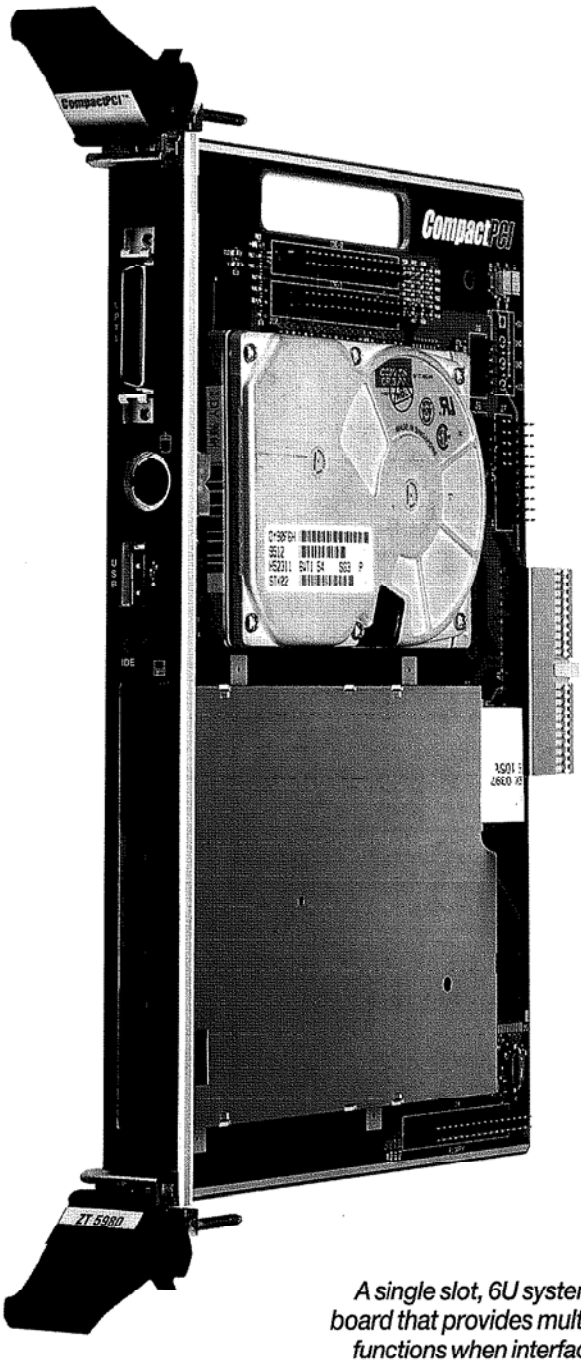
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Find the *Ribbon / Performance Technologies / Ziatech ZT 5980* at our website: ***Click HERE***

ZT 5980

SYSTEM UTILITY BOARD

CompactPCI®



A single slot, 6U system utility board that provides multiple I/O functions when interfaced to a system utility slot in a CompactPCI® system.

The ZT 5980 System Utility Board provides mounting and connections for devices that are driven from a system utility slot in a CompactPCI® enclosure, such as the ZT 5200 6U and 3U Card Cage with Removable Power Supply Modules. The system utility slot is a special slot within a CompactPCI system that provides common I/O device functions.

- Compatible with 6U CPU boards in ZT 5200 enclosures
- Integrated hard and floppy drive options
- Connectors for both IDE channels for connection of CD-ROM
- LEDs for hard drive and floppy drive activity
- USB (Universal System Bus) connector
- Occupies one enclosure slot, no bus slots

GD California, Inc.

1799 Portola Avenue · Livermore, CA 94551 · 925-456-9900 · Fax:925-456-9901

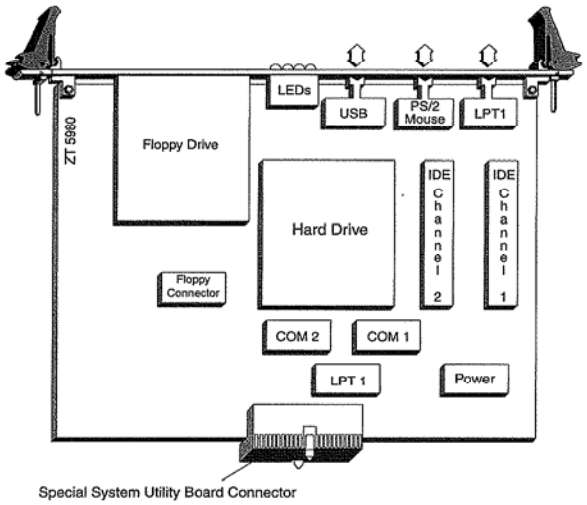
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ZT 5980

052798

SYSTEM UTILITY BOARD

CompactPCI®



J1 ZT 5980 Pins

Pin#	A	B	C	D	E	F
25	+12V	GND	VCC	NC	GND	GND (Shield)
24	+12V	GND	VCC	NC	GND	GND (Shield)
23	+12V	GND	VCC	NC	GND	GND (Shield)
22	PWR GD	ISAIO16-	IORDY	MIRQ0	IRQ14	GND (Shield)
21	CS3S-	CS1S-	CS3P-	CS1P-	DDAK1-	GND (Shield)
20	DD15	DD14	DD13	DD12	DDRQ1	GND (Shield)
19	DD11	DD10	DD9	DD6	DDAK0	GND (Shield)
18	DA0	DA1	VCC	DA2	DDRQ0	GND (Shield)
17	DD7	DD6	DD5	DD4	DI0W-	GND (Shield)
16	DD3	DD2	DD1	DD0	DIOR-	GND (Shield)
15	DR0-	MSEN0	MTR0-	INDEX-	WDATA-	GND (Shield)
14						
13			KEY AREA			
12						
11	DR1-	DSKCHG-	MTR1-	DENSL	RDATA-	GND (Shield)
10	WP-	HDSEL-	DIR-	TRK0-	STEP-	GND (Shield)
9	WGATE-	ERR-	AFD-	BUSY	USB+	GND (Shield)
8	PE	SLIN-	VCC	STB-	USB-	GND (Shield)
7	PPD7	PPD6	PPD5	PPD4	INIT-	GND (Shield)
6	PPD3	PPD2	PPD1	PPD0	ACK-	GND (Shield)
5	ABORT-	MSDAT	SPKR	KBDAT	SLCT	GND (Shield)
4	PRST-	MSCLK	VCC	KBCLK	S1RXD	GND (Shield)
3	S1CTS	S1RTS	S1DSR	S1DCD	S1TXD	GND (Shield)
2	S2RIN	S2DTR	S1RIN	S1DTR	S2RXD	GND (Shield)
1	S2CTS	S2RTS	S2DSR	S2DCD	S2TXD	GND (Shield)
Pin#	A	B	C	D	E	F

FUNCTIONAL CONSIDERATIONS

Backplane Interface

The ZT 5980 is designed to augment the ZT 5200 6U CompactPCI system with CPU boards by providing options for drive support and other connections for rear panel I/O. The ZT 5980 interfaces with the ZT 5200 backplane through a system utility connector specific to the board and can only occupy the left most slot of the system. This connector is connected via the backplane to the J3 connector at the CPU system slot. The serial port connections from the CPU board and the parallel port are also available on the ZT 5980 as a means of offering more system design alternatives.

The ZT 5980 has mounting for one 2.5" IDE drive and a 3.5" low profile floppy drive. Drives are included as an option. Primary and secondary IDE channels are provided by two 40-pin headers. Two 10-pin headers provide access to COM1 and COM2 RS-232 serial ports. A 20-pin header provides LPT1 parallel port access. There are also a USB (Universal Serial Bus) connector and two LEDs on the front panel which indicate floppy drive and hard drive activity.

POWER REQ. (W/ FLOPPY AND 1.3GB DRIVE)	MIN.	TYP.	MAX.
Supply Voltage, V_{CC}	4.75V	5.00V	5.25V
Supply Current, V_{CC}=5.0V	310mA	640mA	840mA

ENVIRONMENTAL (W/ FLOPPY AND 1.3GB DRIVE)	
Operating Temperature	0° to 55° Celsius
Storage Temperature	-40° to +85° Celsius
Non-Condensing Relative Humidity	less than 95% at 40° Celsius

SPECIFICATIONS

Mechanical

- Dimensions: 6.30" x 9.18" (160.00mm x 233.35mm)
- Height: One slot (0.8")
- Weight: 7.6 oz. (215.5g) without drives loaded. 19.7 oz. (558.6g) typical, with drives loaded.
- Connectors: 1 ea 5 X 22 2mm system utility connector, 2 ea 10-pin DIN, 1 ea 20-pin DIN, 1 ea USB, 2 ea 40-pin DIN

Reliability

MTBF: 35 years

MTTR: Five minutes (based on board replacement)

ORDERING INFORMATION

The base configuration of the ZT 5980 has a floppy drive and hard drive installed and is ordered as:

ZT 5980-DXF1

ZT 5980	System Utility Board
ZTM5980	ZT 5980 manual

HARD DRIVE OPTION:

Dx	IDE drive installed. Contact for ordering option (x) and associated capacity.

FLOPPY DRIVE OPTION:

F1	Floppy drive installed

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