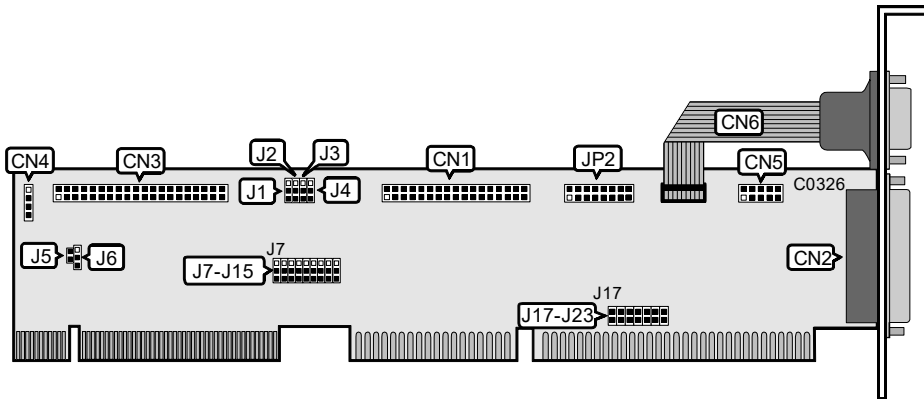# TYAN COMPUTER CORPORATION
S1345, VL400GW-VI

Q4/93

Data bus: 32-bit, VL-Bus
Size: Three-quarter length, half-height card
Hard drive supported: Two IDE (AT) Interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives

CONNECTIONS	
Function	Location
34-pin control cable connector - floppy drive	CN1
25-pin parallel port (LPT1/2) - external	CN2
40-pin IDE(AT) Interface connector	CN3
4-pin connector - drive active LED	CN4
10-pin serial port 2 (COM2/4) - internal	CN5
10-pin serial port 1 (COM1/3) - external	CN6
15-pin game port - internal	JP2

WAIT STATE			
Speed	J2	J3	J4
16MHz VL Bus Clock	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
20 or 25MHz VL Bus Clock	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
25 or 33MHz VL Bus Clock	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
33MHz VL Bus Clock	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
40MHz VL Bus Clock	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
50MHz VL Bus Clock	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
50MHz VL Bus Clock	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
í 50MHz VL Bus Clock	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

TYAN COMPUTER CORPORATION
S1345, VL400GW-VI

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Hard drive enabled	J1	Pins 2 & 3 closed
Hard drive disabled	J1	Pins 1 & 2 closed
í I/O Channel Ready signal disabled	J5	Open
I/O Channel Ready signal enabled	J5	Closed
í Uses VL Ready	J6	Pins 2 & 3 closed
Use CPU Ready	J6	Pins 1 & 2 closed
í Floppy drive A:/B: order normal	J7	Pins 2 & 3 closed
Floppy drive A:/B: order changed	J7	Pins 1 & 2 closed
í Floppy drive enabled	J8	Pins 2 & 3 closed
Floppy drive disabled	J8	Pins 1 & 2 closed
í Floppy drive port address is 3F0-3F7h	J9	Pins 2 & 3 closed
Floppy drive port address is 370-377h	J9	Pins 1 & 2 closed
í Hard drive interrupt is IRQ14	J17	Closed
Hard drive interrupt is disabled	J17	Open
í Serial Port 2 interrupt is IRQ3	J18	Closed
Serial Port 2 interrupt is disabled	J18	Open
í Serial Port 1 interrupt is IRQ4	J19	Closed
Serial Port 1 interrupt is disabled	J19	Open
í Floppy drive interrupt is IRQ6	J21	Closed
Floppy drive interrupt is disabled	J21	Open
í Game Port enabled	J23	Closed
Game Port disabled	J23	Open

PARALLEL PORT CONFIGURATION		
LPT	Jumper J10	Jumper J11
LPT2	Pins 1 & 2 closed	Pins 1 & 2 closed
LPT3	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	Pins 1 & 2 closed
í LPT1	Pins 2 & 3 closed	Pins 2 & 3 closed

SERIAL PORT 1 CONFIGURATION		
COM	Jumper J12	Jumper J13
COM3	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 2 & 3 closed
COM4	Pins 2 & 3 closed	Pins 1 & 2 closed
í COM1	Pins 2 & 3 closed	Pins 2 & 3 closed

TYAN COMPUTER CORPORATION
S1345, VL400GW-VI

SERIAL PORT 2 CONFIGURATION		
COM	Jumper J14	Jumper J15
COM4	Pins 1 & 2 closed	Pins 1 & 2 closed
COM3	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 2 & 3 closed
í COM2	Pins 2 & 3 closed	Pins 2 & 3 closed

PARALLEL PORT INTERRUPT REQUEST		
IRQ	Jumper J20	Jumper J22
í Parallel port interrupt is IRQ7	Open	Closed
Parallel port interrupt is IRQ5	Closed	Open