

MODEL: T1800TLV-4C

User's Manual

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I.Specification

Model	T1800TLV-4C
CPU	Intel [®] Bay Trail J1800/J1900 Processor
Memory	1*DDR3L 1333MHz,Up to8GB
Dispay	1 * VGA : max resolution up to 1920x1200@60Hz 1 * LVDS: max resolution up to 1920x1200@60Hz 1*HDMI:max resolution up to 2560X1600@60Hz
Storage	1*SATA2.0 Port
Ethernet	1*Realtek RTL8111H (10/100/1000Mbps)
Audio	1*Realtek ALC662 + 3W AMP
USB	1*USB3.0 7*USB2.0
COM	4*COM
Expansion Slot	1*MSATA(SATA 2.0) 1*MINI-PCIE(WIFI+BT)
I/O Connectors	1*DC 1* HDMI 1*VGA 1*USB3.0 1*LAN 1*USB2.0 1*Mic 1*Line-out
Headers	4*COM Headers 2*USB2.0 Header 1*LVDS 1*HDMI 4*JPCOM 带电 1*F_AUDIO 2*FAN 1*3W Amplifier
System	WIN7 32/64 Bit WIN10 64 Bit
Temperature	Storage:-20~75°C Operation:-15~60°C
BIOS	AMI BIOS
DC Power	DC 12V
Factor	Mini-ITX(170mm*170mm)

II. Jumpers / Headers and Connectors



III.Definition of Jumpers /Headers and Connectors

1.JPCOM1/2/3/4 (PH=2.00MM)

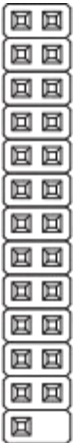
Graphic	Setting	Function
1 2 5 6	1-2	+5V
	3-4	+12V
	5-6	RI# (Default)

Graphic	Function	
1 2 5 6	1:+5V	2: COM_PIN9
	3: +12V	4: COM_PIN9
	5: RI#	6: COM_PIN9

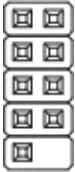
2.JCOM1/2/3/4 (PH=2.00MM)

Graphic	Function	
1 2 9	1:DCD#	2:RXD
	3:TXD	4:DTR#
	5:GND	6:DSR#
	7:RTS#	8:CTS#
	9:COM_PIN9	

3.LPT (PH=2.00MM)

Graphic		Function	
1  2		1:STROBE#	2:AUTOFEED#
		3: DATA0	4: ERROR#
		5: DATA1	6: INIT#
		7: DATA2	8: SLCTIN#
		9: DATA3	10:GND
		11: DATA4	12:GND
		13: DATA5	14: GND
		15: DATA6	16: GND
		17: DATA7	18: GND
		19: ACKNLG#	20:GND
		21: BUSY	22:GND
		23: PE	24:GND
		25: SLCT	

4.F_PANEL1(PH=2.54MM)

Graphic		Function	
1  2		1:HDD_LED+	2:PWR_LED+
		3: HDD_LED-	4: GND
		5:GND	6:PWR_SW
		7: RESET	8: GND
		9: GND	

5.JC32/33/34/35/36/37 (PH=2.00MM)

Graphic	Setting	Function
1  3	1-2	COM3_RS232 (Default)
1  3	2-3	COM3_TTL

6.CLR_CMOS (PH=2.00MM)

Graphic	Setting	Function
1  3	1-2	Normal (Default)
	2-3	Clear CMOS

7. AUTO-ON (PH=2.00MM)

Graphic	Setting	Function
	1-2	AUTO-OFF (Default)
	2-3	AUTO-ON

8.JSATA_PWR (PH=2.00MM)

Graphic	Function	
	1:+12V	2:GND
	3:GND	4: +5V

9.F_USB1/2 (PH=2.54MM)

Graphic	Function	
	1:+5V	2:+5V
	3: USB1-	4: USB2-
	5:USB1+	6:USB2+
	7:GND	8: GND
		10: GND

10.SPEAKER1 (PH=2.00MM)

Graphic	Function	
	1:R+	2: R-
	3: L-	4: L+

11.F_AUDIO1 (PH=2.54MM)

Graphic	Function	
1 2 10	1:MIC_IN_L	2: GND
	3: MIC_IN_R	4: +3.3V
	5:AUD_OUT_R	6:MIC_IN_DET
	7:GND	
	9: AUD_OUT_L	10: AUD_OUT_DET

12.PWR_LVDS (PH=2.00MM)

Graphic	Function	
1 2 5 6	1:+3.3V	2:VDD
	3:+5V	4: VDD
	5:+12V	6:VDD

Graphic	Setting	Function
1 2 5 6	1-2	+3.3V （ Default ）
	3-4	+5V
	5-6	+12V

13.INVERT (PH=2.00MM)

Graphic	Function	
	1:+12V	2: +12V
	3: BL_EN	4: BL_CTL
	5:GND	6:GND

14.LVDS/EDP (PH=2.00MM)

Graphic	Function	
	1:VDD / EDP_VDD	2: VDD / EDP_VDD
	3: VDD / EDP_VDD	4: GND / EDP_HPD
	5:LVDS_DET / EDP_NC	6: LVDS_DET / EDP_NC
	7:A_DATA0- / EDP_TX0N	8:A_DATA0+ / EDP_TX0P
	9: A_DATA1- / EDP_TX1N	10: A_DATA1+ / EDP_TX0P
	11:A_DATA2- / EDP_NC	12: A_DATA2+ / EDP_NC
	13: GND	14:GND
	15: A_CLK- / EDP_AUXN	16: A_CLK+ / EDP_AUXP
	17:A_DATA3- / EDP_NC	18: A_DATA3+ / EDP_NC
	19: B_DATA0- / EDP_NC	20: B_DATA0+ / EDP_NC
	21: B_DATA1- / EDP_NC	22: B_DATA1+ / EDP_NC
	23: B_DATA2- / EDP_NC	24: B_DATA2+ / EDP_NC
	25: GND	26: GND
	27: B_CLK- / EDP_NC	28: B_CLK+ / EDP_NC
	29: B_DATA3- / EDP_NC	30: B_DATA3+ / EDP_NC

15.PS/2 (PH=2.00MM)

Graphic		Function	
1 6		1:KB_CLK	2: GND
		3:KB_DATA	4: MS_DATA
		5:+5V	6:MS_CLK

16.ATX1

Graphic		Function	
1 2 34		1:GND	2:GND
		3:DC-IN	4:DC-IN

17.FAN1

插针图片	Pin List	
	Pin	Signal
	1: GND	2: +12V
	3: FAN_TAC	4: FAN_CTL