

MODEL: IPC-J4125T2L-2C

User's Manual

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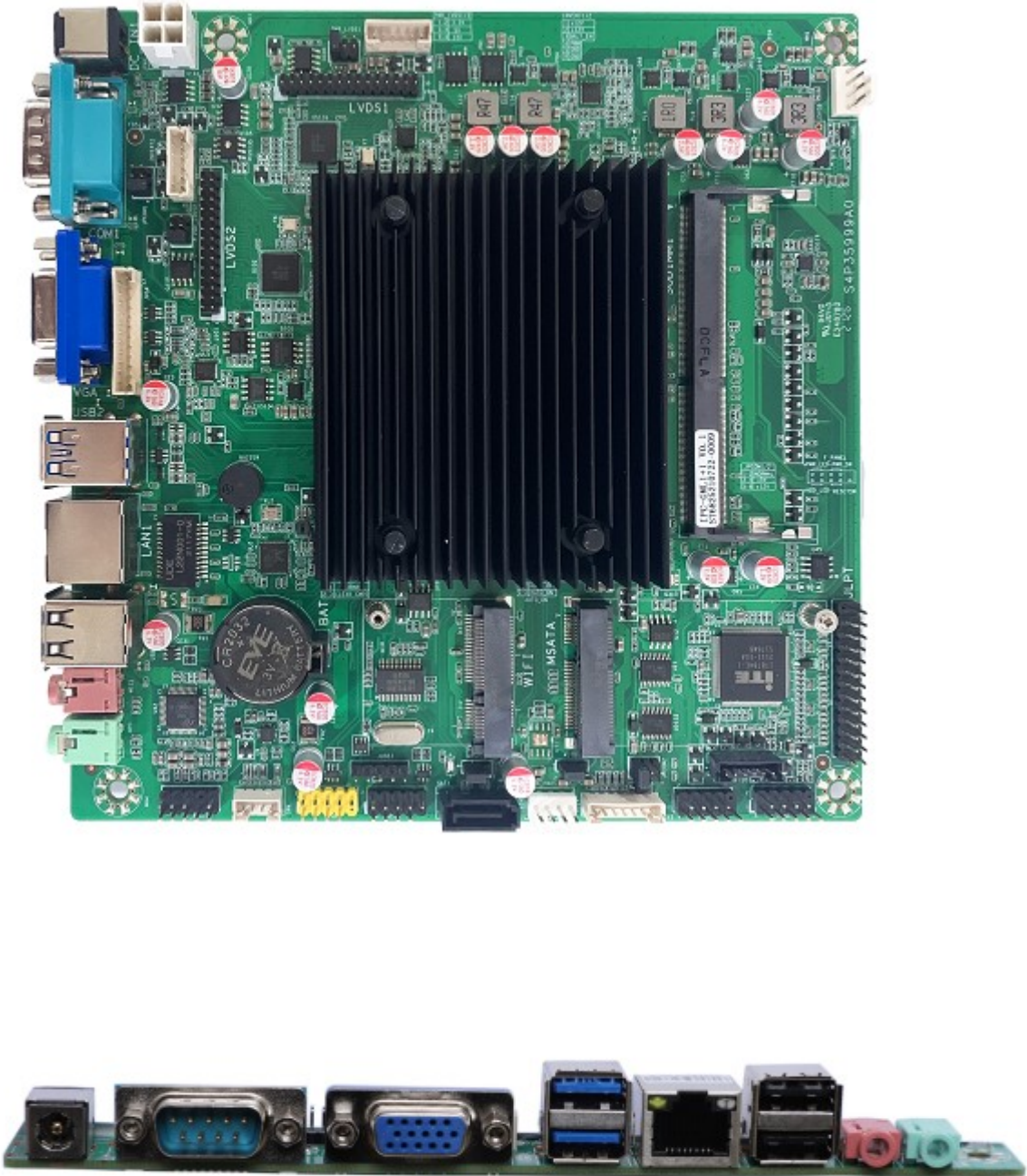
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I. Specification

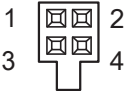
Model	IPC-J4125T2L-2C
CPU	Intel® Gemini Lake J4125 2.0GHz Processor
Memory	1*DDR4 2400MHz,Up to 8GB
Display	1*VGA : max resolution up to 1920x1200@60Hz 2*Dual Channel 24-bit LVDS
Storage	1*SATA3.0 Port
Ethernet	1*Realtek RTL8111F (10/100/1000Mbps)
Audio	1*Realtek ALC662 + 1* 3W AMP
USB	2*USB3.0 7*USB2.0
COM	2*COM
Expansion Slot	1*MSATA(SATA 3.0) 1*MINI-PCIE(WIFI+BT)
I/O Connectors	1*DC 1*COM 1*VGA 4*USB 1*LAN 1*Line-out 1*Mic
Headers	1*LPT 1*JVGA1(OUT OF VGA Connector) 5*USB2.0 1*COM Headers 2*LVDS Headers 2*INVERT 1*3W Amplifier 1*CPU FAN
System	WIN11 64 ;WIN10 64;LINUX
BIOS	AMI BIOS
Temperature	Storage:-20~75°C Operation:-15~60 °C
Factor	Mini-ITX(170mm*170mm)

II. Jumpers / Headers and Connectors

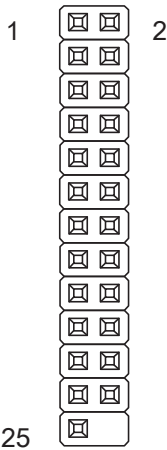


III. Definition of Jumpers /Headers and Connectors

ATX1

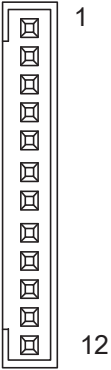
Graphic	Function	
	1: GND	2: GND
	3: DC-IN	4: DC-IN

LPT (PH=2.54MM)

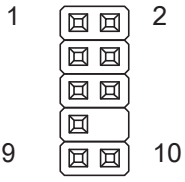
Graphic	Function	
	1: STROBE#	2: AUTOFEED#
	3: DATA0	4: ERROR#
	5: DATA1	6: INIT#
	7: DATA2	8: SLCTIN#
	9: DATA3	10: GND
	11: DATA4	12: GND
	13: DATA5	14: GND
	15: DATA6	16: GND
	17: DATA7	18: GND
	19: ACKNLG#	20: GND
	21: BUSY	22: GND
	23: PE	24: GND
	25: SLCT	

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JVGA1 (PH=2.00MM)

Graphic	Function	
	1: GND	2: VSYNC
	3: HSYNC	4: GND
	5: RED	6: GND
	7: GREEN	8: GND
	9: BLUE	10: GND
	11: DDC_DATA	12: DDC_CLK

F_AUDIO1 (PH=2.54MM)


Graphic	Function	
	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

SPK

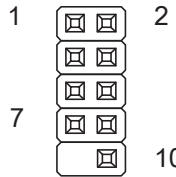
Graphic	Function	
	1: R+	2: R-
	3: L-	4: L+

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F_USB3 (PH=2.54MM)

Graphic	Function	
	1: +5V	2: USB1-
	3:USB1+	4: GND
	5:GND	


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

AUTO-ON (PH=2.0MM)


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

CLR_CMOS (PH=2.00MM)

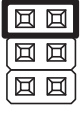
Graphic	Setting	Function
	1-2	Normal (Default)
	2-3	Clear CMOS

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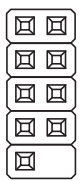
SA_PWR (PH=2.00MM)

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

JPCOM1/2 (PH=2.00MM)

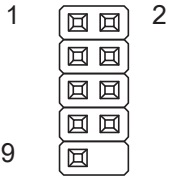
Graphic	Setting	Function
	1-2	DCD# (Default)
	3-4	+5V
	5-6	+12V

F_PANEL1 (PH=2.54MM)


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

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JCOM2 (PH=2.54MM)

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


FAN 1

插针图片	Function	
	1: GND	2: +12V
	3: FAN_TAC	4: FAN_CTL

PWR_LVDS1/2

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


INVERT1/2

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

LVDS1/2

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

PS/2 (PH=2.00MM)

Graphic	Function	
 1 7	1:KB_DATA	2:KB_CLK
	3:GND	4: MS_DATA
	5:MS_CLK	6:GND
	7:+5V	