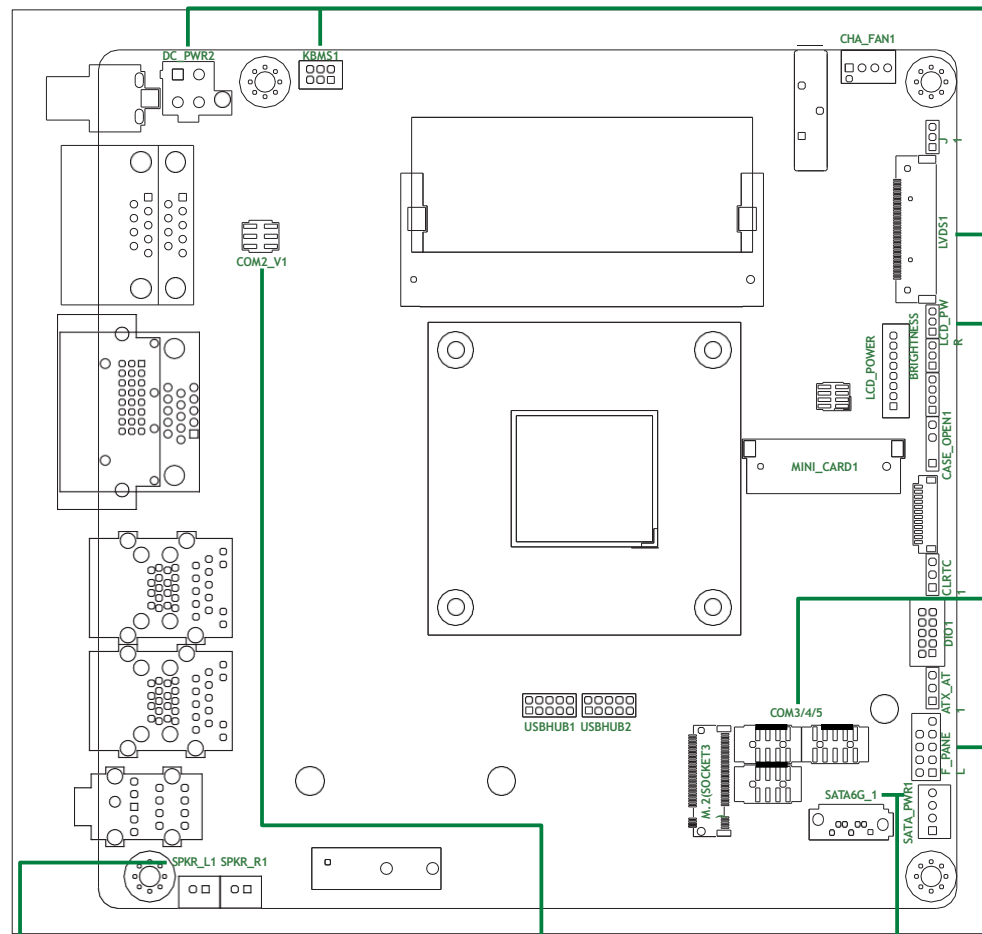


NEX621A Quick Reference Guide



DC_PWR2: DC-In 4P Power Connector

	Pin	Description	Pin	Description
1	01	GND	02	GND
2	03	+12V	04	+12V

LCD_PWR: Inverter1 Voltage Selection

	Pin	Status	Description
1	1-2	short	+12V
	2-3	short	+5V (Default)

COM3/4/5: Serial Port Connectors

	Pin	Description	Pin	Description
1	01	DCD	02	RXD
2	03	TXD	04	DTR
3	05	GND	06	DSR
4	07	RTS	08	CTS
5	09	RI	10	NA

F_PANEL: Front Panel System Panel Connector

	Pin	Description	Pin	Description
1	01	HDD_LED+	02	PWR_LED+
2	03	HDD_LED	04	PWR_LED
3	05	GND	06	PWRBTN#
4	07	RSTOON#_PANEL	08	GND
5	09	MC	10	NA

SATA6G_1: Serial ATA 6.0Gb/s Connectors

	Pin	Description
1	01	GND
2	02	RSATA_RXP1
3	03	RSATA_RXN1
4	04	GND
5	05	RSATA_TXN1
6	06	RSATA_TXP1
7	07	GND

KBMS1: PS/2 Keyboard/Mouse Connector

	Pin	Description	Pin	Description
1	01	MS_DATA	02	MS_CLK
2	03	GND	04	+5V_USB
3	05	KB_DATA	06	KB_CLK

LVDS1: LVDS Connector

	Pin	Description	Pin	Description
1	1	LVDS0_D3+	2	LVDS0_D3-
2	3	LVDS0_D2+	4	LVDS0_D2-
3	5	LVDS0_D1+	6	LVDS0_D1-
4	7	LVDS0_D0+	8	LVDS0_D0-
5	9	LVDS1_D3+	10	LVDS1_D3-
6	11	LVDS1_D2+	12	LVDS1_D2-
7	13	LVDS1_D1+	14	LVDS1_D1-
8	15	LVDS1_D0+	16	LVDS1_D0-
9	17	GND	18	+V_PANEL
10	19	+V_PANEL	20	+V_PANEL
11	21	NC	22	+3V
12	23	GND	24	GND
13	25	GND	26	LVDS0_CLK+
14	27	LVDS0_CLK-	28	GND
15	29	GND	30	GND
16	31	SPC1	32	INV_ENABKL
17	33	VCON	34	LVDS1_CLK+
18	35	LVDS1_CLK-	36	+BLVCC
19	37	+BLVCC	38	+BLVCC
20	39	NC	40	SPD1

SATA_PWR1: SATA Power Connector

	Pin	Description	Pin	Description
1	01	+12V	02	GND
2	03	GND	04	+5V

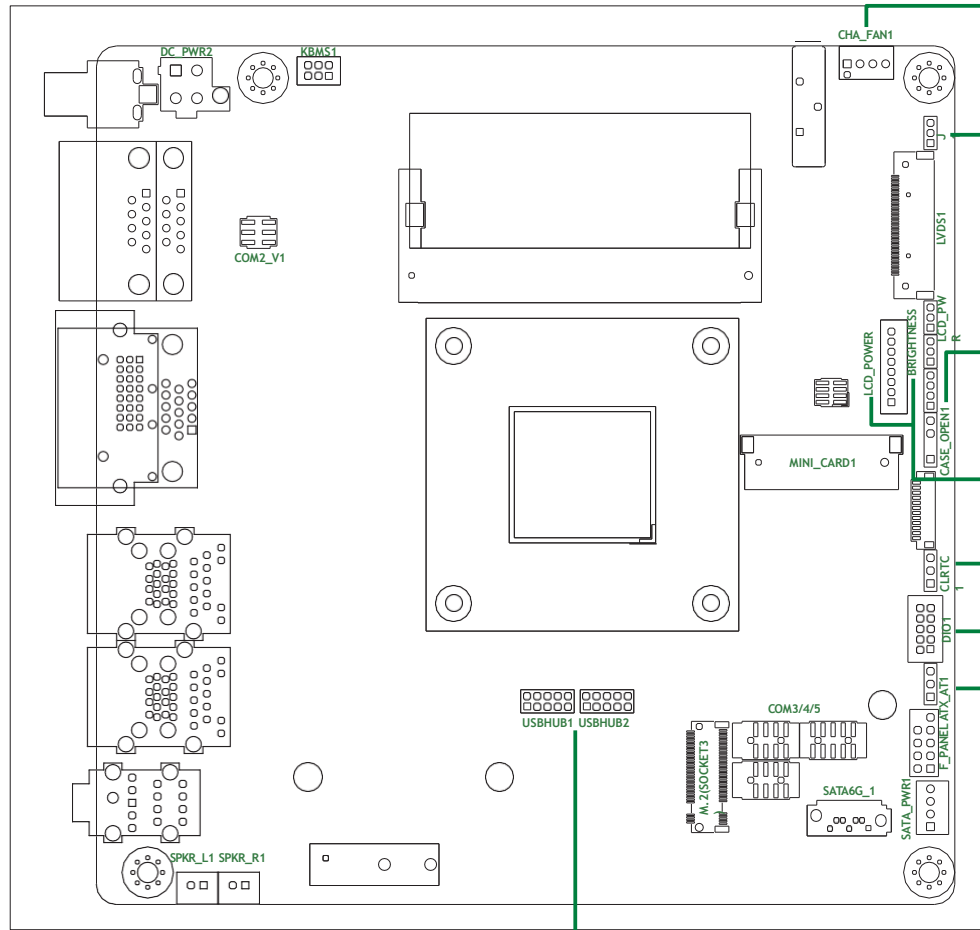
SPKR_L1/SPKR_R1: Internal Audio Connectors

	Pin	SPKR_L1	Pin	SPKR_R1
1	01	L_OUT-	01	R_OUT-
	02	L_OUT+	02	R_OUT+

COM2_V1: COM2 Ring/+5V/+12V Selection Jumper

	Pin	Status	Description
1	1-2	short	+12V
2	3-4	short	+5V
3	5-6	short	Ring (Default)

NEX621A Quick Reference Guide



CHA_FAN1: Chassis Fan Connectors

	Pin	Description	Pin	Description
	01	PWM	02	SENSE
	03	VCC	04	GND

CASE_OPEN1: Chassis Intrusion Jumper

	Pin	Status	Description
	1-2	open	Enables the chassis intrusion detection feature
	3-4(*)	short	Disables the chassis intrusion detection feature

BRIGHTNESS: Inverter1 Voltage Selection

	Pin	Status	Description
	1-2(*)	short	DC Mode
	2-3(*)	short	PWM Mode

CLRTC1: Clear RTC RAM

	Pin	Status	Description
	1-2(*)	short	normal
	2-3	short	Clear CMOS

DIO1: Digital I/O Connector

	Pin	Description	Pin	Description
	01	DIO_I#1	02	DIO_I#2
	03	DIO_I#3	04	DIO_I#4
	05	DIO_O#1	06	DIO_O#2
	07	DIO_O#3	08	DIO_O#4
	09	+5V	10	GND

USBHUB1: USB 2.0 Connectors

	Pin	Description	Pin	Description
	01	+5V	02	GND
	03	S_USB_PN	04	GND
	05	S_USB_PP	06	S_USB_PP
	07	GND	08	S_USB_PN
	09	GND	10	+5V

J1: LVDS1 Panel Voltage Selection Jumper

	Pin	Status	Description
	1-2	short	+5V
	2-3(*)	short	+3V

LCD_POWER: LCD Panel Power Connector

	Pin	Description
	01	INV_ENABKL
	02	LVDS_BKL_CONTROL
	03	+BLVCC
	04	+BLVCC
	05	GND
	06	GND
	07	NC
08	NC	

ATX_AT1: AT/ATX Mode Selection

	Pin	Status	Description
	1-2	short	AT mode
	2-3(*)	short	ATX mode

USBHUB2: USB 2.0 Connectors

	Pin	Description	Pin	Description
	01	+5V	02	NA
	03	S_USB_PN	04	NA
	05	S_USB_PP	06	NA
	07	GND	08	NA
	09	GND	10	NA