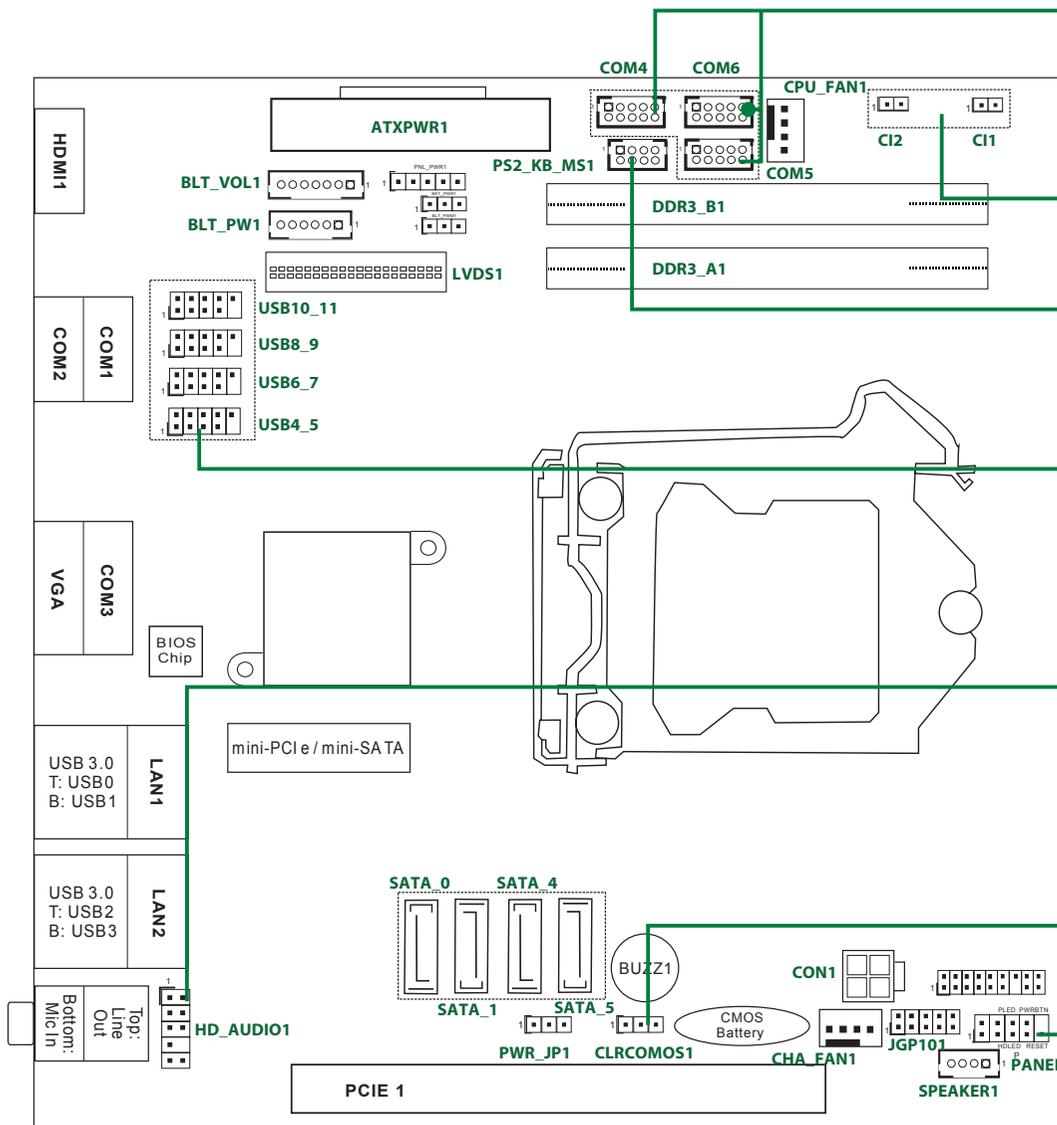


NEX 613 Quick Reference Guide

Ver A. (P/N: 60177A0322X00)



COM4, COM5, COM6: RS-232 Port 4 Pin Headers

1		2		3	
Pin	Signal	Pin	Signal	Pin	Signal
1	DDCD#1	2	RRXD1	3	TTXD1
4	DDTR#1	5	GND	6	DDSR#1
7	RRTS#1	8	CCTS#1	9	COM PWR
10	NC				

C11, C12: Chassis Intrusion Headers

1		2	
Pin	Signal	Pin	Signal
1	Signal	2	GND

PS2_KB_MS1

1		2		3	
Pin	Signal	Pin	Signal	Pin	Signal
1	KBCLK	2	+5V	3	KBDATA
4	+5V	5	MSDATA	6	GND
7	MSCLK	8	GND		

USB4_5, USB6_7, USB8_9, USB10_11: USB2.0 Connectors

1		2		3	
Pin	Signal	Pin	Signal	Pin	Signal
1	PWR	2	-		
3	+	4	GND		
6	PWR	7	-		
8	+	9	GND		
10	NC				

HD_AUDIO1: Front Panel Audio Header

1		2		3	
Pin	Signal	Pin	Signal	Pin	Signal
1	MIC2_L	2	MIC2_R		
3	OUT2_R	4	J_SENSE		
5	OUT2_L	6	GND		
7	PRESENCE#	8	MIC_RET		
10	OUT_RET				

Clear CMOS Header

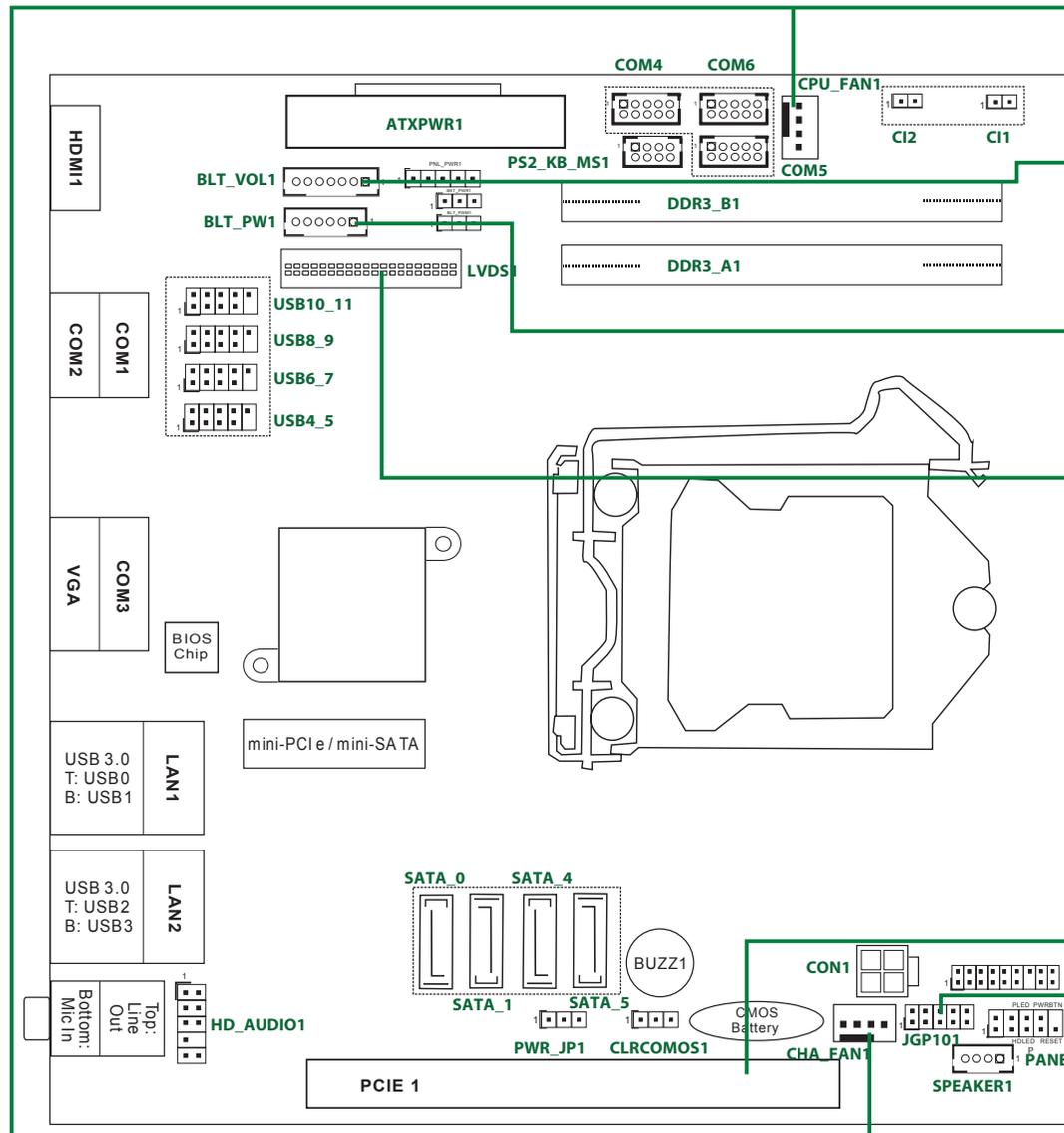
1		2	
Pin	Signal	Pin	Signal
1-2	Normal	2-3	Clear CMOS

ANEL11: System Panel Header

1		2		3	
Pin	Signal	Pin	Signal	Pin	Signal
1	HDLED+	2	HDLED-		
3	GND	4	RESET#		
5	GND	6	PLED+		
7	PLED-	8	PWRBTN#		
9	GND				

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CPU_FAN1, CHA_FAN1: 4-Pin Chassis FAN Connector (+12V)

Pin	Signal	Pin	Signal
1	GND	2	+12V
3	CPU_FAN_SPEED	4	FAN_SPEED_CONTROL

Backlight Volume Control

Pin	Signal	Pin	Signal	Pin	Signal
1	GPIO_VOL_UP	2	GPIO_VOL_DW	3	PWRDN
4	LVDS1 BLUP	5	LVDS1 BLDW	6	GND
7	GND				

Backlight Power Connector

Pin	Signal	Pin	Signal	Pin	Signal
1	GND	2	GND	3	BL EN
4	BL CTL	5	LCD_BLT_VCC	6	LCD_BLT_VCC

LVDS Panel Connector

Pin	Signal	Pin	Signal	Pin	Signal
1	LVDD	2	LVDD	3	+3V
4	N/A	5	N/A	6	LVDS_A_DATA0#
7	LVDS_A_DATA0	8	GND1	9	LVDS_A_DATA1#
10	LVDS_A_DATA1	11	GND6	12	LVDS_A_DATA2#
13	LVDS_A_DATA2	14	GND2	15	LVDS_A_DATA3#
16	LVDS_A_DATA3	17	GND7	18	LVDS_A_CLK#
19	LVDS_A_CLK	20	GND3	21	LVDS_B_DATA0#
22	LVDS_B_DATA0	23	GND8	24	LVDS_B_DATA1#
25	LVDS_B_DATA1	26	GND4	27	LVDS_B_DATA2#
28	LVDS_B_DATA2	29	DPLVDD_EN	30	LVDS_B_DATA3#
31	LVDS_B_DATA3	32	GND5	33	LVDS_B_CLK#
34	LVDS_B_CLK	35	GND9	36	CON_LBKL_EN_R
37	CON_LBKL_CTR_R	38	LCD_BLT_VCC	39	LCD_BLT_VCC
40	LCD_BLT_VCC				

ATX/AT Mode Jumper

Pin	Signal	Pin	Signal
1-2	AT Mode	2-3	ATX Mode

Digital Input/Output Pin Header

Pin	Signal	Pin	Signal	Pin	Signal
1	Digital Output 0	2	Digital Input 0	3	Digital Output 1
4	Digital Input 1	5	Digital Output 2	6	Digital Input 2
7	Digital Output 3	8	Digital Input 3	9	JGPIO_PWR1
10	GND				