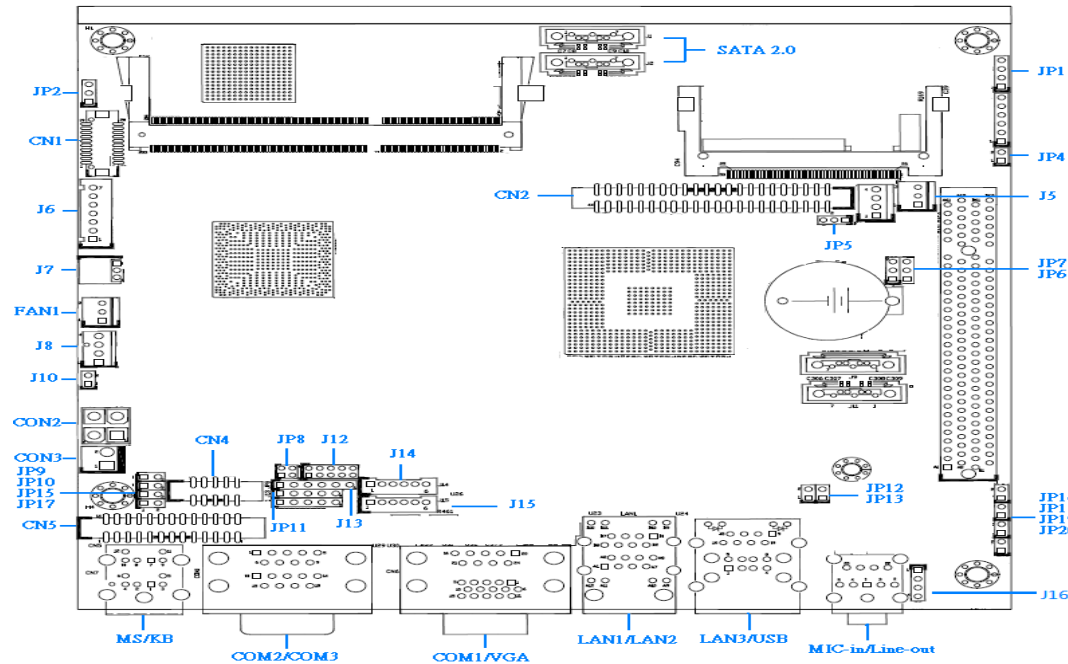


NEX608 Quick Reference Guide

Ver A. (P/N: 60177A0245X00)



J6 : LVDS Panel backlight connector

Pin	Definition	Pin	Definition
1	+5V	5	GND
2	+12V	6	GND
3	+12V	7	Panel Backlight Enable
4	Panel Backlight Brightness Control		

J13 : External keyboard + mouse pinhead

Pin	Definition	Pin	Definition
1	+5V	4	Keyboard Data
2	Mouse Clock	5	Keyboard Clock
3	Mouse Data	6	GND

J12 GPIO pinhead(ITE8783F)

Pin	Definition	Pin	Definition
1	+5V	6	GP25(Pin59)_output2
2	GND	7	GP22(Pin56)_Input3
3	GP20(Pin52)_Input1	8	GP26(Pin60)_output3
4	GP24(Pin58)_output1	9	GP23(Pin57)_Input4
5	GP21(Pin54)_Input2	10	GP27(Pin61)_output4

J16 : Line in pinhead

Pin	Definition	Pin	Definition
1	LINE-IN-RIGHT	3	GND
2	NC	4	LINE-IN-LEFT

J10/ RT1 : System thermal 1/2 pinhead

Pin	Definition	Pin	Definition
1	Thermal Pin	2	Thermal GND

J14 USB 4/5 pinhead

Pin	Definition	Pin	Definition
1	+5V	4	Data 3-
2	Data 2-	5	Data 3+
3	Data 2+	6	GND

JP8 : External GPO indicated LED pinhead

Pin	Definition	Pin	Definition
1	GP25(Pin59)_output2	3	GP24(Pin58)_output1
2	GND	4	GND

J3: Touch board power

Pin	Definition	Pin	Definition
1	+5V	2	GND

J5/J8: System Fan

Pin	Definition	Pin	Definition
1	GND	3	SENSE
2	+12V		

J7: NISKIG120 power board

Pin	Definition	Pin	Definition
1	GND	2	I_PWRBTN#
3	SLP_S3#		

JP9 : Reset pinhead

Pin	Definition	Pin	Definition
1	RESET	2	GND

JP10: Power button pinhead

Pin	Definition	Pin	Definition
1	Power ON	2	GND

CN4 : COM 4 connector

Pin	Definition	Pin	Definition
1	DCD	6	DSR
2	RXD	7	RTS
3	TXD	8	CTS
4	DTR	9	RI
5	GND	10	NC



J15 USB 4/5 pinhead

Pin	Definition	Pin	Definition
1	+5V	4	Data 5-
2	Data 4-	5	Data 5+
3	Data 4+	6	GND

JP1 : SM Bus pinhead

Pin	Definition	Pin	Definition
1	+3.3V	3	SMB_DATA
2	SMB_CLOCK	4	GND

JP11 : Irda pinhead

Pin	Definition	Pin	Definition
1	+5V	4	GND
2	CIRRX	5	IRTX
3	IRRX		

JP20/JP18/JP13 : RTL8111C LAN1/LAN2/LAN3 External link LED pinhead

Pin	Definition	Pin	Definition
1	+3.3VSB	2	LINK_LED

JP19/JP14/JP12 : RTL8111C LAN1/LAN2/LAN3 External activity LED pinhead

Pin	Definition	Pin	Definition
1	+3.3VSB	2	ACTIVITY_LED

JP4 : External buzzer pinhead

Pin	Definition	Pin	Definition
1	SPEAKER	2	+5V

JP15 : Power LED pinhead

Pin	Definition	Pin	Definition
1	+5V	2	GND

JP17 : IDE&SATA LED pinhead

Pin	Definition	Pin	Definition
1	+5V	2	IDE_LED

FAN1 : CPU FAN connector

Pin	Definition	Pin	Definition
1	GND	3	SENSE
2	+12V	4	NC

CN1: LVDS channel A connector

Pin	Definition	Pin	Definition
1	DDCPCLK	11	RXCLK+
2	DDCPDATA	12	RX1-
3	VDD	13	RXCLK-
4	RX0+	14	GND
5	RX3+	15	GND
6	RX0-	16	BACKLIGHT
7	RX3-	17	RX2+
8	VDD	18	BACKLIGHT
9	GND	19	RX2-
10	RX1+	20	GND

CN2 : IDE connector

Pin	Definition	Pin	Definition
1	Reset#	23	IOW#
2	GND	24	GND
3	Data 7	25	IOR#
4	Data 8	26	GND
5	Data 6	27	IOCHRDY
6	Data 9	28	GND
7	Data 5	29	DMA ACK#
8	Data 10	30	GND
9	Data 4	31	Interrupt
10	Data 11	32	NC
11	Data 3	33	Disk Address 1
12	Data 12	34	DMA66 Detect
13	Data 2	35	Disk Address 0
14	Data 13	36	Disk Address 2
15	Data 1	37	HDCCS1#
16	Data 14	38	HDCCS3#
17	Data 0	39	HDD Active #
18	Data 15	40	GND
19	GND	41	+5V
20	NC	42	+5V
21	DMA REQ	43	GND
22	GND	44	NC

CN2: Power Input port

Pin	Definition	Pin	Definition
1	GND	2	GND
3	+24V	4	+24V

CON3: Power Output port

Pin	Definition	Pin	Definition
1	+24V	2	GND

CN5 : PIO connector

Pin	Definition	Pin	Definition
1	Line Print Strobe	14	Auto Feed#
2	Parallel Data 0	15	Error#
3	Parallel Data 1	16	Initialize#
4	Parallel Data 2	17	Select Input#
5	Parallel Data 3	18	GND
6	Parallel Data 4	19	GND
7	Parallel Data 5	20	GND
8	Parallel Data 6	21	GND
9	Parallel Data 7	22	GND
10	Acknowledge#	23	GND
11	Busy	24	GND
12	Paper empty	25	GND
13	Select	26	NC

Jump Setting

JP7 : AT/ATX Power type select pinhead

	AT	ATX
JP7	1-2	*2-3

JP2 : LVDS backlight power select

	+3.3V	+5V
JP2	*1-2	2-3

JP16 : COM4 RS232 RI# pin power select

	+5V	+12V	Enable	Disable
JP16	1-2	2-3	*4-5	5

JP6 : RTC clear

	NORMAL	Clear CMOS
JP6	*1-2	2-3

JP5 : CF Card Master/Slave Select

	Master	Slave
JP5	*1-2	2-3