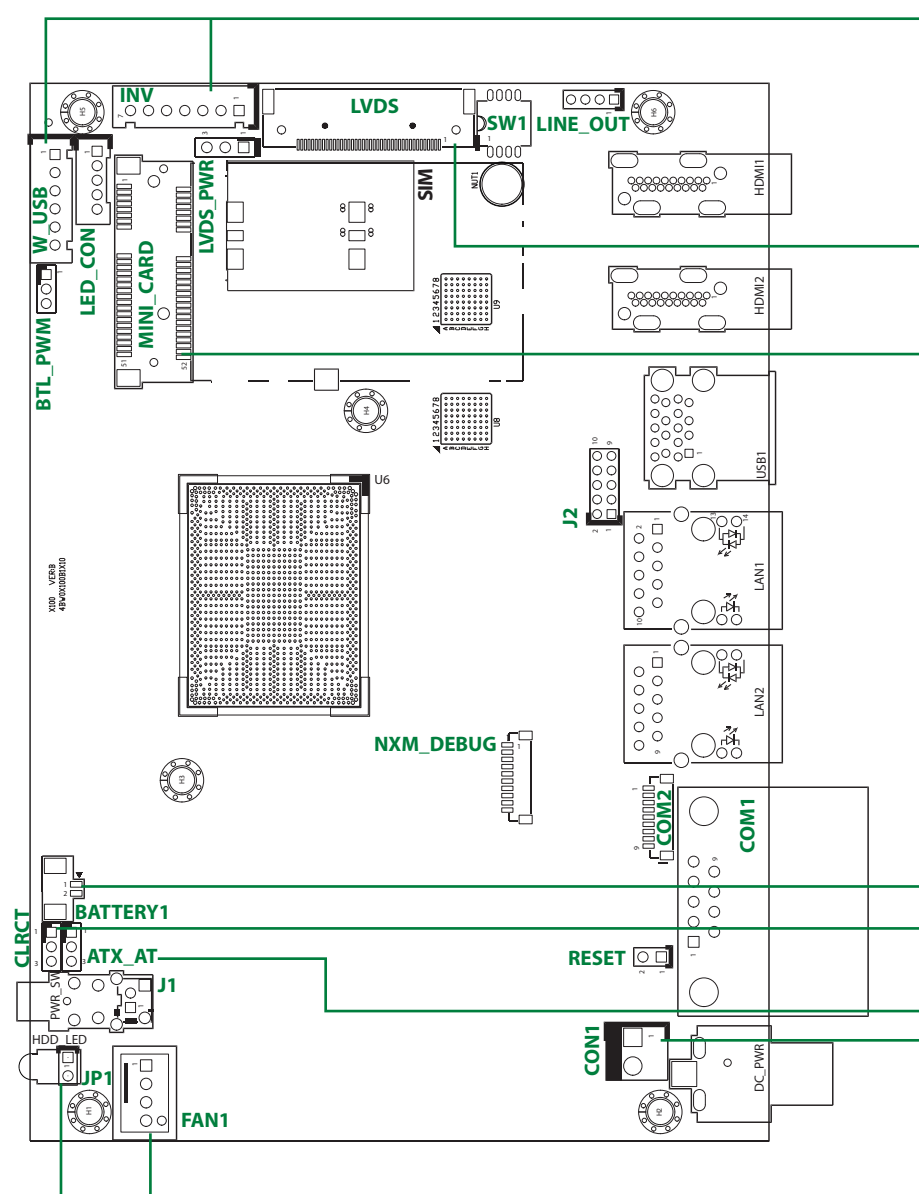


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W_USB: Touch USB

Pin	Function	Pin	Function
01	+5V_USB2_P2	04	S_USB2DN6
02	S_USB2DN2	05	S_USB2DP6
03	S_USB2DP2	06	GND

INV: LVDS Inverter Connector

Pin	Function	Pin	Function
01	5V	05	GND
02	12V	06	GND
03	12V	07	Back light Enable
04	Back light Control		

LVDS: LVDS Panel Connector

Pin	Function	Pin	Function	Pin	Function	Pin	Function
01	LVDS0_D3+	11	LVDS1_D2+	21	GND	31	SMBUS_CLK
02	LVDS0_D3-	12	LVDS1_D2-	22	3.3V	32	Back Light Enable
03	LVDS0_D2+	13	LVDS1_D1+	23	GND	33	Back Light Control
04	LVDS0_D2-	14	LVDS1_D1-	24	GND	34	LVDS1_CLK+
05	LVDS0_D1+	15	LVDS1_D0+	25	GND	35	LVDS1_CLK-
06	LVDS0_D1-	16	LVDS1_D0-	26	LVDS0_CLK+	36	+12V
07	LVDS0_D0+	17	GND	27	LVDS0_CLK-	37	+12V
08	LVDS0_D0-	18	+V_PANEL (3.3V or 5V)	28	GND	38	+12V
09	LVDS1_D3+	19	+V_PANEL (3.3V or 5V)	29	GND	39	NC
10	LVDS1_D3-	20	+V_PANEL (3.3V or 5V)	30	GND	40	SMBUS_DAT

MINI_CARD

Pin	Function	Pin	Function	Pin	Function	Pin	Function
01	WAKE#	02	+3VSB	27	GND	28	+1.5V
03	NC	04	GND	29	GND	30	SMB_CLK
05	NC	06	+1.5V	31	PETn0	32	SMB_DATA
07	NC	08	SIM_PWR	33	PETp0	34	GND
09	GND	10	SIM_DATA	35	GND	36	USB_D-
11	REFCLK-	12	SIM_CLK	37	GND	38	USB_D+
13	REFCLK+	14	SIM_RESET	39	+3VSB	40	GND
15	GND	16	SIM_VPP	41	+3VSB	42	NC
17	NC	18	GND	43	GND	44	NC
19	NC	20	WLAN_DISABLE#	45	NC	46	NC
21	GND	22	RESET#	47	NC	48	+1.5V
23	PERn0	24	+3VSB	49	NC	50	GND
25	PERp0	26	GND	51	NC	52	+3VSB

BATTERY1: Battery Connector

Pin	Function
01	BAT
02	GND

CLRCT: Clear CMOS

Pin	Function
1-2*	Normal
2-3	Clear CMOS

ATX_AT: ATX/AT Mode Select

Pin	Function
1-2*	ATX
2-3	AT

CON1: DC Power Input

Pin	Function
01	GND
02	DC IN +19V

JP1: HDD LED Connector

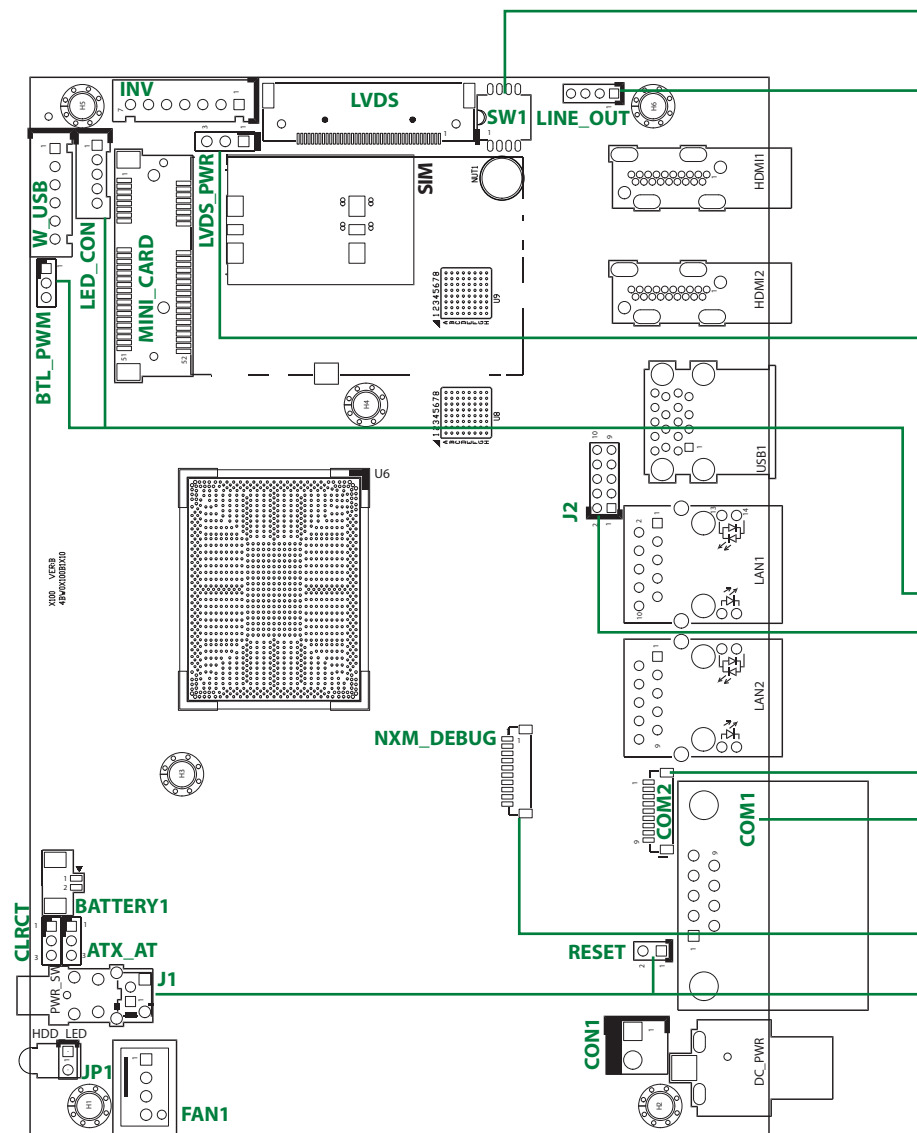
Pin	Function
01	HDD_LED+
02	HDD_LED-

FAN1: FAN Connector

Pin	Function	Pin	Function
01	GND	03	FAN Speed Detect
02	+12V	04	FAN Speed Control

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SW1: LVDS Resolution Select

GPIO[3:0]	SW1[3]	SW1[2]	SW1[1]	SW1[0]	HA	VA	CD(bit)	port
0000	ON	ON	ON	ON	800	600	6	single
0001	ON	ON	ON	OFF	1024	768	6	single
0010	ON	ON	OFF	ON	1024	768	8	single
0011	ON	ON	OFF	OFF	1280	1024	6	single
0100	ON	OFF	ON	ON	1280	800	6	single
0101	ON	OFF	ON	OFF	1280	800	8	single
0110	ON	OFF	OFF	ON	1280	1024	8	dual
0111	ON	OFF	OFF	OFF	1366	768	6	single
1000	OFF	ON	ON	ON	1366	768	8	single
1001	OFF	ON	ON	OFF	1440	900	8	dual
1010	OFF	ON	OFF	ON	1400	1050	8	dual
1011	OFF	ON	OFF	OFF	1600	900	8	dual
1100	OFF	OFF	ON	ON	1680	1050	8	dual
1101	OFF	OFF	ON	OFF	1600	1200	8	dual
1110	OFF	OFF	OFF	ON	1920	1080	8	dual
1111	OFF	OFF	OFF	OFF	1920	1200	8	dual

LVDS_PWR: LVDS Panel Voltage Select

Pin	Function
1-2*	3.3V
2-3	5V

BLT_PWM: Back Light Control Voltage (Dimming) Voltage Select

Pin	Function
1-2	3.3V
2-3*	5V

J2: USB Connector

Pin	Function	Pin	Function
01	+5V_USB2_P45	02	GND
03	S_USB2DN4	04	GND
05	S_USB2DP4	06	S_USB2DP5
07	GND	08	S_USB2DN5
09	GND	10	+5V_USB2_P45

NXM_DEBUG: DEBUG Port/LPC Bus Connector/TPM Module Connector

Pin	Function	Pin	Function
01	+3V	06	LAD3
02	SERIRQ	07	LFRAME#
03	LAD0	08	25MHZ
04	LAD1	09	PLTRST#
05	LAD2	10	GND

J1: System Power Button

Pin	Function	Pin	Function
01	GND	02	PWRBTN#

LINE_OUT: Audio Line-out Connector

Pin	Function	Pin	Function
01	LOUT_L	03	LOUT_JD
02	GND	04	LOUT_R

LED_CON: LED Connector

Pin	Function	Pin	Function
01	HDD_LED-	04	Standby LED
02	HDD_LED+	05	PWR LED
03	GND		

COM2: COM Port Connector

Pin	Function	Pin	Function
01	DCD	06	DSR
02	RXD	07	RTS
03	TXD	08	CTS
04	DTR	09	RI
05	GND		

COM1: COM Port Connector

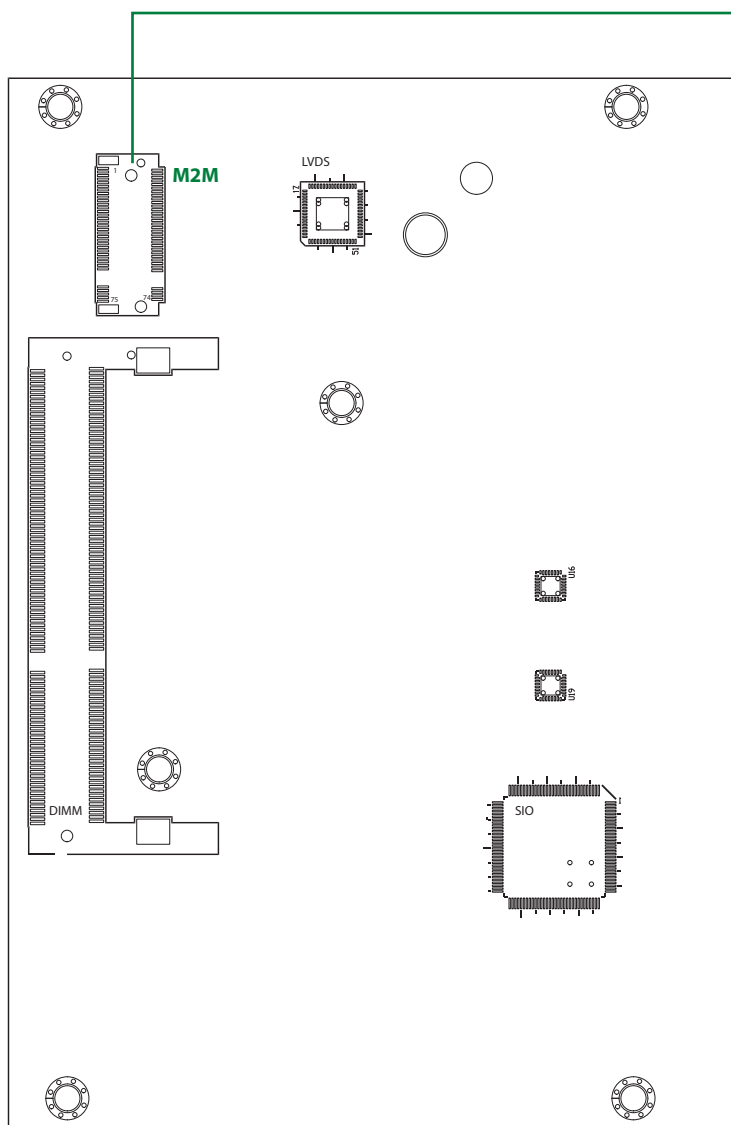
Pin	Function	Pin	Function
01	DCD	06	DSR
02	RXD	07	RTS
03	TXD	08	CTS
04	DTR	09	RI
05	GND		

RESET: System RESET Button

Pin	Function	Pin	Function
01	RESET#	02	GND

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M2M

Pin	Function	Pin	Function	Pin	Function	Pin	Function
01	GND	18	+3VSB	35	NC	52	NC
02	+3VSB	19	NC	36	NC	53	NC
03	GND	20	NC	37	NC	54	NC
04	+3VSB	21	GND	38	DEVSLP	55	NC
05	NC	22	NC	39	GND	56	NC
06	NC	23	NC	40	NC	57	GND
07	NC	24	NC	41	SATA_RXP	58	NC
08	NC	25	NC	42	NC	67	NC
09	GND	26	NC	43	SATA_RXN	68	NC
10	M2M_LED#	27	GND	44	NC	69	NC
11	NC	28	NC	45	GND	70	+3VSB
12	+3VSB	29	NC	46	NC	71	GND
13	NC	30	NC	47	SATA_TXN	72	+3VSB
14	+3VSB	31	NC	48	NC	73	GND
15	GND	32	NC	49	SATA_TXP	74	+3VSB
16	+3VSB	33	GND	50	RESET#	75	GND
17	NC	34	NC	51	GND		

Note: Quick reference guide is for Neu-X100 series model and there is different design for each main board.

- Main Board with LVDS function: INV, LVDS, SW1, LVDS_PWR, W_USB, BLT_PWM, J1
- Main Board with dual HDMI function: HDMI 2

Quick reference guide is subject to change without prior notice. For any update, please visit our website: www.nexcom.com

☐=Pin1 [*]=Default setting