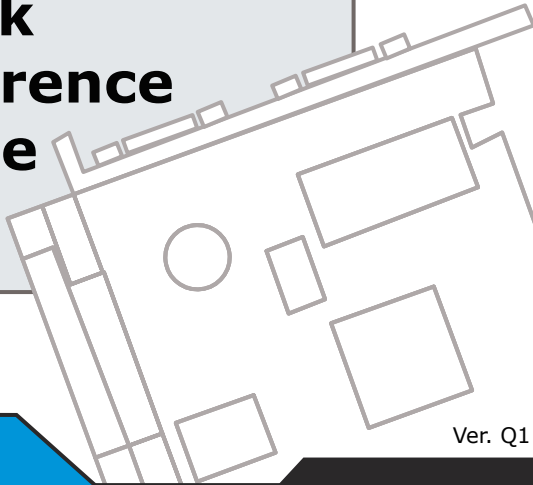


BE-U236

Quick Reference Guide



Ver. Q1

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Packing Checklist

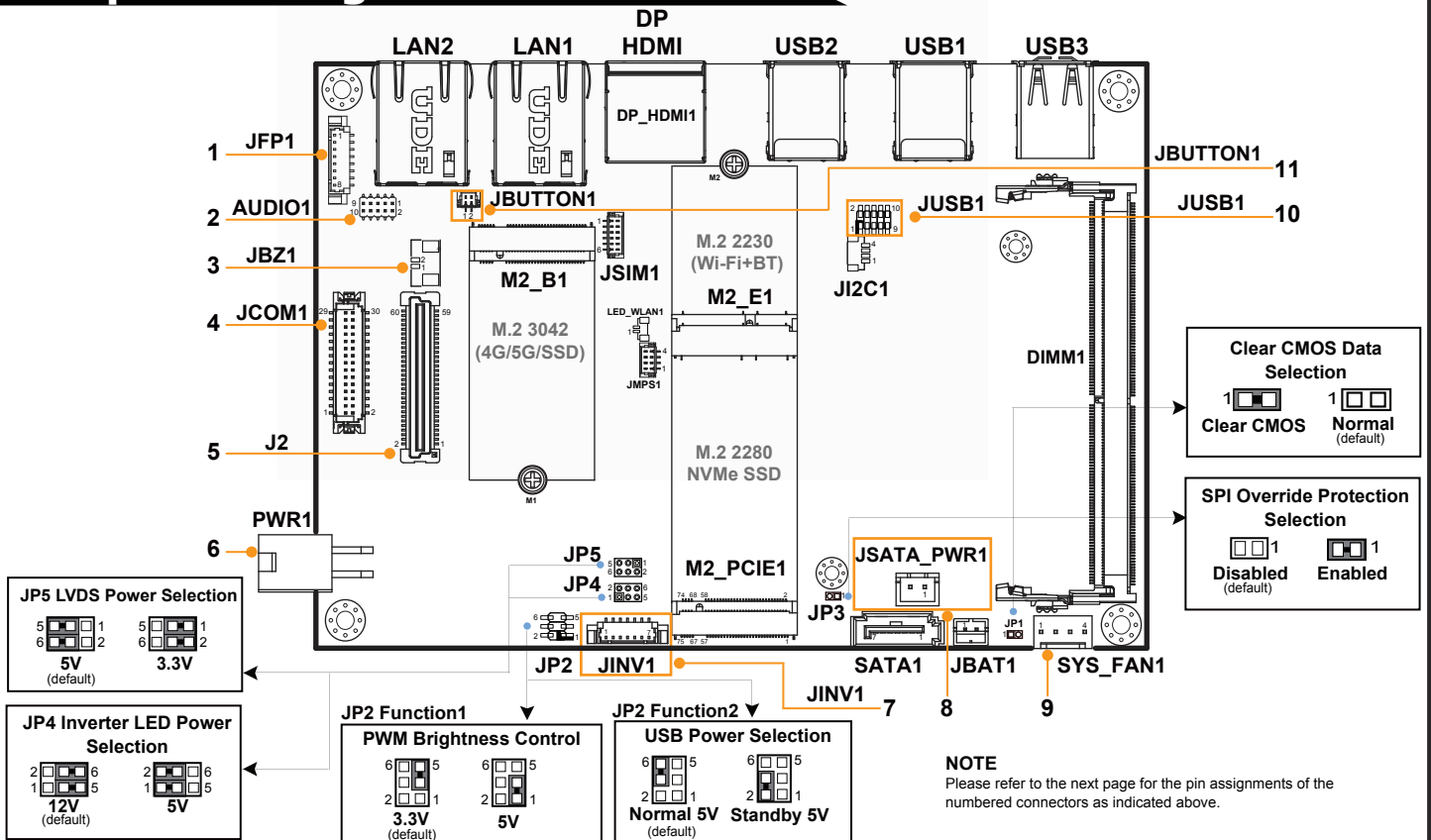
If you discover any item below damaged or lost, please contact your vendor immediately.

- BE-U236 x 1
- This Quick Reference Guide x 1
- Jumper (2.0 mm) x 6
- Fillister Head Screw for M.2 x 2
- HEX CU BOSS for M.2 x 2
- SATA & SATA Power Cable (150 mm) x 1

CAUTION!

Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Jumper Setting and Connectors



The pin assignments of BE-U236 connectors are provided as below. Please see the locations of BE-U236 board connectors as illustrated on the previous page.

1. Front Panel Connector (JFP1)

PIN No.	Signal
1	HDD_LED+
2	HDD_LED-
3	PWR_LED+
4	PWR_LED
5	PWR Button+
6	PWR Button-
7	Reset Button+
8	Reset Button-



JFP1

2. Audio Connector (AUDIO1)

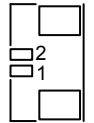
PIN No.	Signal	PIN No.	Signal
1	MIC_L	2	MIC_R
3	GND	4	GND
5	LINE-IN_L	6	LINE-IN_R
7	GND	8	GND
9	LINE-OUT_L	10	LINE-OUT_R



AUDIO1

3. Buzzer (JBZ1)

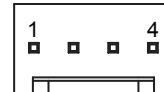
PIN No.	Signal
1	SPKR+
2	SPKR-



JBZ1

9. System FAN Connector (SYS_FAN1)

PIN No.	Signal
1	GND
2	VCC12
3	TAC
4	CTL



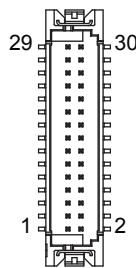
SYS_FAN1

4. B2B Connector (J2)

Please refer to BE-U236 User Manual for the pin assignment of B2B connector.

5. COM & DIO Connector (JCOM1)

PIN No.	Signal	PIN No.	Signal
1	COM1_DCD	2	COM2_DCD
3	COM1_RX	4	COM2_RX
5	COM1_TX	6	COM2_TX
7	COM1_DTR	8	COM2_DTR
9	GND	10	GND
11	COM1_DSR	12	COM2_DSR
13	COM1_RTS	14	COM2_RTS
15	COM1_CTS	16	COM2_CTS
17	COM1_RI	18	COM2_RI
19	GND	20	GND
21	SIO_DI1	22	SIO_DO1
23	SIO_DI2	24	SIO_DO2
25	SIO_DI3	26	SIO_DO3
27	SIO_DI4	28	SIO_DO4
29	GND	30	5V



JCOM1

10. USB 2.0 Connector (JUSB1)

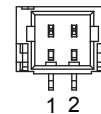
PIN No.	Signal	PIN No.	Signal
1	5V	2	5V
3	USB2_P7_DN	4	USB2_P8_DN
5	USB2_P7_DP	6	USB2_P8_DP
7	GND	8	GND
9	GND	10	GND



JUSB1

11. Power Button (JBUTTON1)

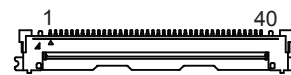
PIN No.	Signal
1	PWRBTN+
2	PWRBTN-



JBUTTON1

12. LVDS/eDP Connector (CN1)

(Located on Bottom Side of BE-U236 board)

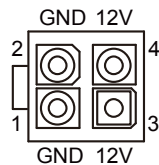


CN1

PIN No.	Signal	PIN No.	Signal
1	EDP_BKLT_EN	21	GND
2	EDP_BKLT_CTRL	22	LVDS_YBP0
3	PANEL_SEL_4	23	LVDS_YBM0
4	DDIA_TX3_DP	24	LVDS_YBP1
5	DDIA_TX3_DN	25	LVDS_YBM1
6	GND	26	LVDS_YBP2
7	DDIA_TX2_DP	27	LVDS_YBM2
8	DDIA_TX2_DN	28	LVDS_YBP3
9	GND	29	LVDS_YBM3
10	LVDS_YAP0	30	GND
11	LVDS_YAM0	31	LVDS_CLKBP
12	LVDS_YAP1	32	LVDS_CLKBM
13	LVDS_YAM1	33	GND
14	LVDS_YAP2	34	LVDS_VCC
15	LVDS_YAM2	35	LVDS_VCC
16	LVDS_YAP3	36	GND
17	LVDS_YAM3	37	GND
18	GND	38	INV_VLED
19	LVDS_CLKAP	39	INV_VLED
20	LVDS_CLKAM	40	INV_VLED

6. DC-IN Connector (PWR1)

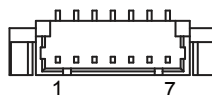
PIN No.	Signal
1	GND
2	GND
3	12V/24V
4	12V/24V



PWR1

7. Inverter Connector (JINV1)

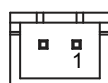
PIN No.	Signal
1	LVDS_BKLTEN_R
2	LVDS_BKLTEN_R
3	LVDS_BKLTEN_R
4	GND
5	BRCTR_PWM1
6	GND
7	BKLTEN



JINV1

8. 2.5" SATA Power Connector (JSATA_PWR1)

PIN No.	Signal
1	5V
2	GND



JSATA_PWR1