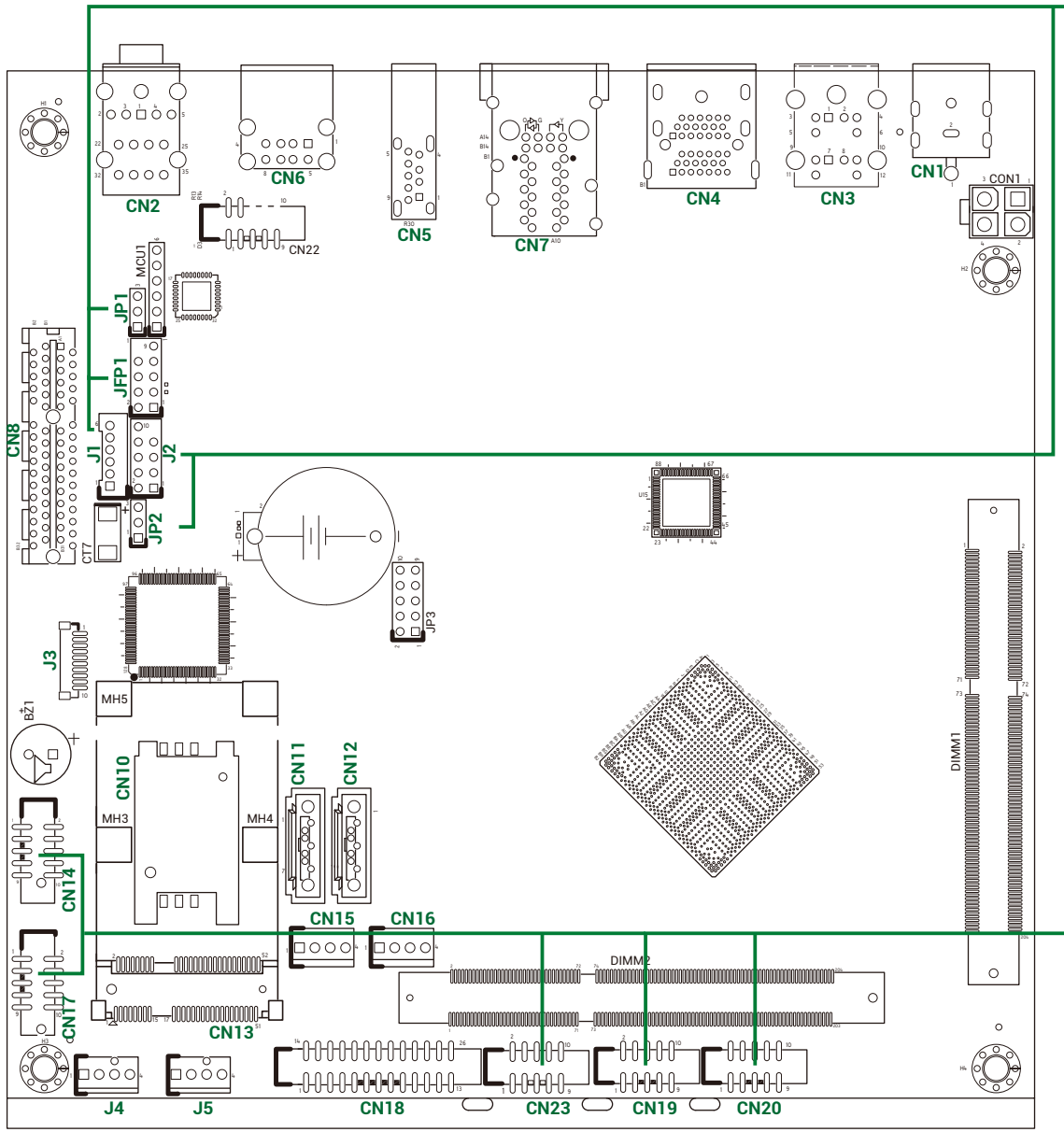
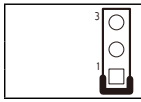
NEX 616 Quick Reference Guide

Ver A. (P/N : 60177A0375X00)

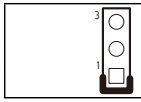


JP1: H/W Auto Power Button Select



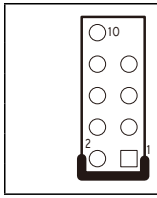
Setting	Description
1-2	ATX Mode
2-3 (Default)	AT Mode

JP2: Clear CMOS Setting



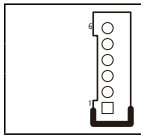
Setting	Description
1-2 (Default)	Normal operation
2-3	Clear CMOS

J2: Front Panel USB Pin Header



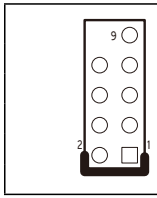
Pin	Signal Name	Pin	Signal Name
1	+5V	2	+5V
3	USB1 D-	4	USB2 D-
5	USB1 D+	6	USB2 D+
7	GND	8	GND
9	NC (key)	10	NC

J1: Extra USB Pin Wafer



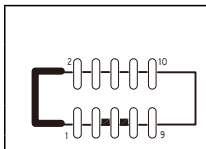
Pin	Signal Name	Pin	Signal Name
1	+5V	4	USB4 D-
2	NC	5	USB4 D+
3	NC	6	GND

JFP1: Front Panel Pin Header



Pin	Signal Name	Pin	Signal Name
1	SATA LED+	2	PWR LED+
3	SATA LED-	4	PWR LED-
5	GND	6	PWR Button
7	RESET Button	8	GND
9	+5V	10	NC (key)

CN14, CN17, CN19, CN20, CN23: COM Port



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

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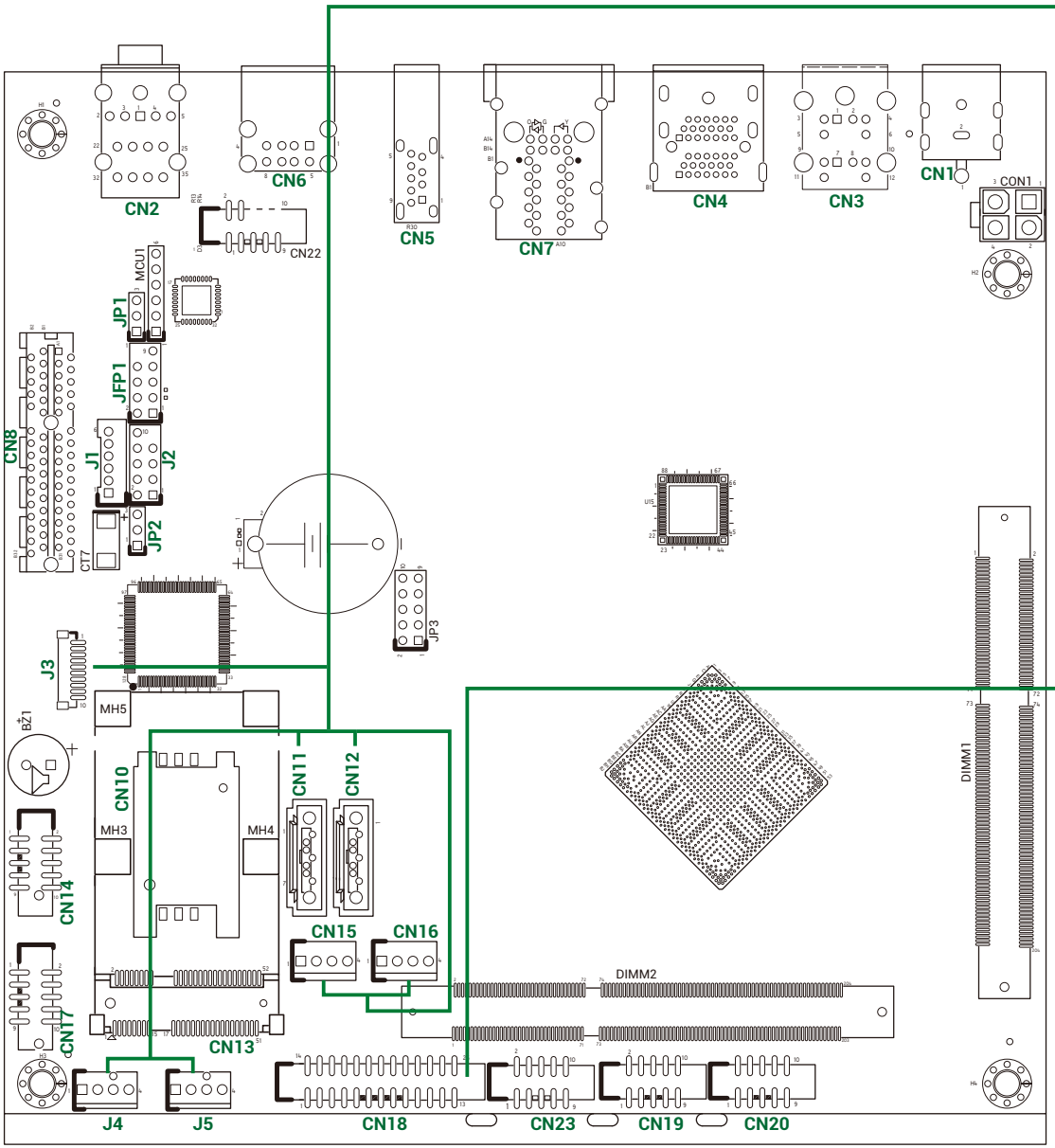
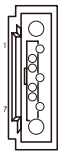
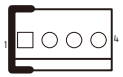


CN11, CN12: SATA Connector



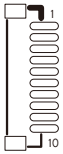
Pin	Signal Name
1	GND
2	TX+
3	TX-
4	GND
5	RX+
6	RX-
7	GND

CN15, CN16: SATA Power Connector



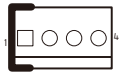
Pin	Signal Name
1	+12V
2	GND
3	GND
4	+5V

J3: Debug Port



Pin	Signal Name
1	GND
2	RESET#
3	CLK
4	FRAME#
5	AD3
6	AD2
7	AD1
8	AD0
9	+3.3V
10	+3.3V

J4, J5: FAN Connector



Pin	Signal Name
1	GND
2	+12V
3	FAN SPEED
4	FAN CONTROL

CN18: LPT Port

Pin	Signal Name	Pin	Signal Name
1	STB#	14	AFD#
2	D0	15	ERR#
3	D1	16	INIT#
4	D2	17	SLIN#
5	D3	18	GND
6	D4	19	GND
7	D5	20	GND
8	D6	21	GND
9	D7	22	GND
10	ACK#	23	GND
11	BUSY	24	GND
12	PE	25	GND
13	SLCT	26	GND

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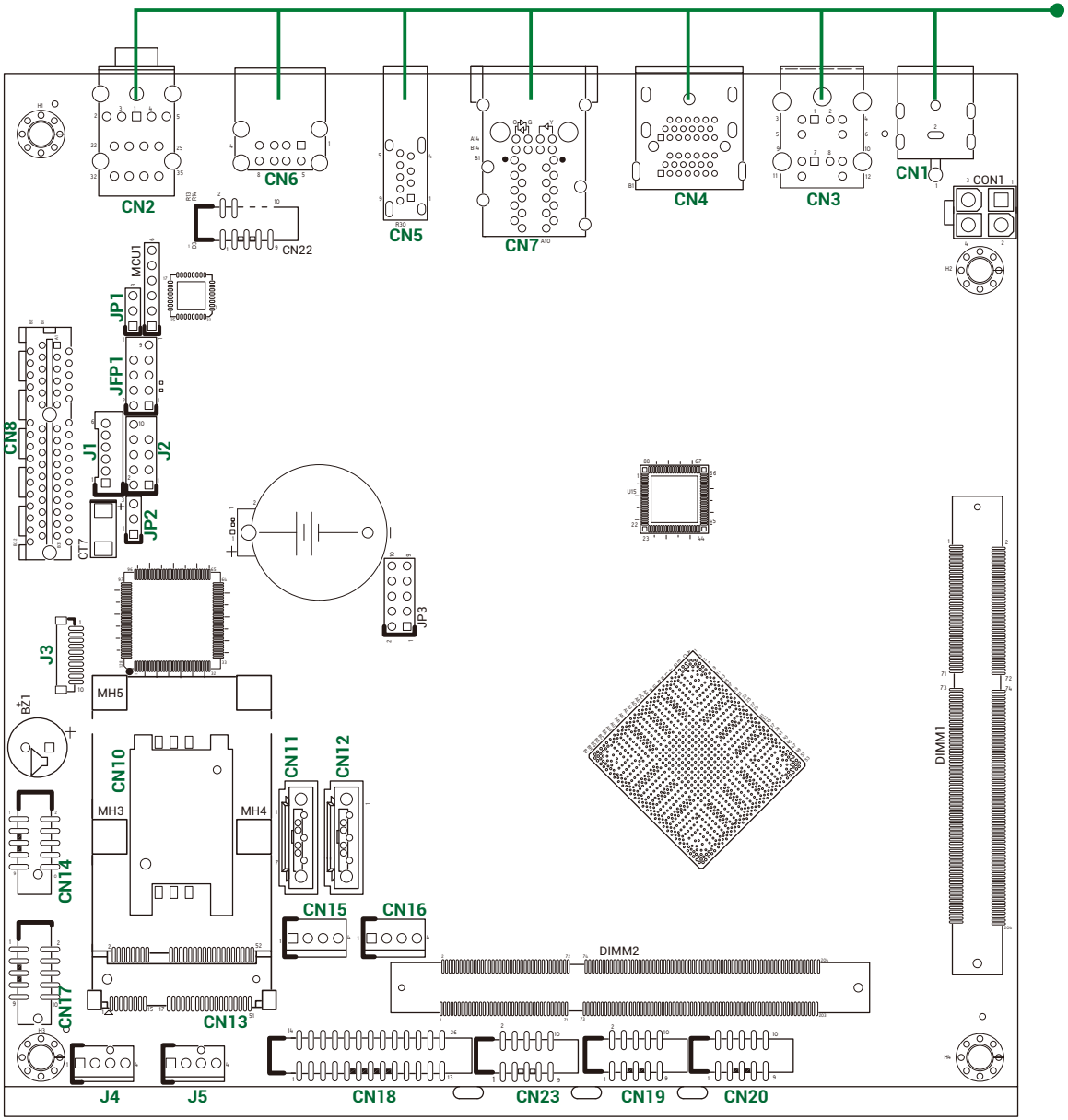
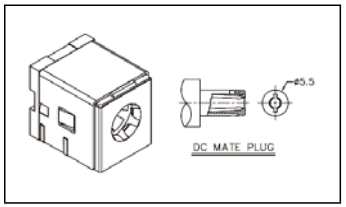
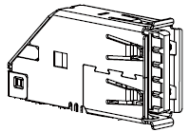


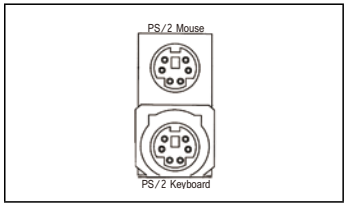
CN1: DC Input Jack



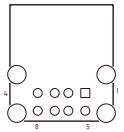
CN5: USB 3.0 Connector



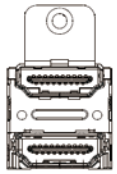
CN3: Keyboard/ Mouse



CN6: USB 2.0

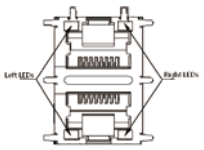


CN4: HDMI Connector



CN2: Audio

CN7: LAN Ports



LED	Function	Status	
		LED	LAN
Left	LINK/ACT	On	Link
		Off	Disconnect
		Blink	Active
Right	Speed	Orange	1000
		Green	100