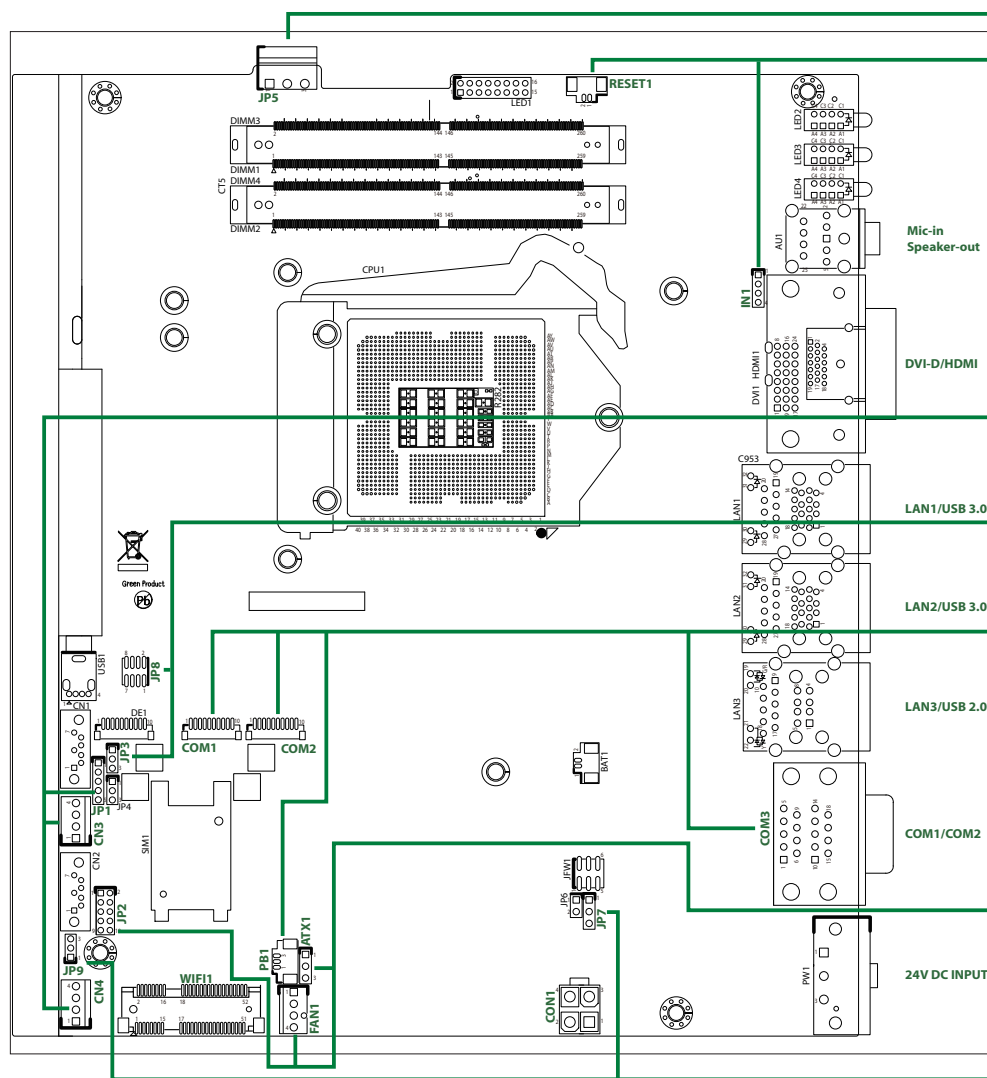


NIFE 300 Quick Reference Guide

Ver A. (P/N: 60177A0489X00)



JP5: REMOTE POWER ON/OFF & S3 CONNECTOR

Pin	Description	Pin	Description
1	PWRBTN#_J	2	GND
3	SLP_S3#_C		

RESET1: RESET PIN HEADER

Pin	Description	Pin	Description
1	PM_RESET#_J	2	GND
	GND		NA

JP1: COM3 RI PIN HEADER

Pin	Description	Pin	Description
1-2	VCC5	2-3	VCC12
4-5 (*)	RING		

JP8: PS2 KB/MS PIN HEADER

Pin	Description	Pin	Description
1	5VSB_PS2	2	5VSB_PS2
3	KDAT	4	MDAT
5	KCLK	6	MCLK
7	GND	8	GND

COM1/COM2: COM3/COM4 CONNECTOR

Pin	Description	Pin	Description
1	COM_DCD#3	2	COM_RXD3
3	COM_TXD3	4	COM_DTR#3
5	GND	6	COM_DSR#3
7	COM_RTS#3	8	COM_CTS#3
9	COM_RI#3_T	10	GND
MH1	GND	MH2	GND

JP2: GPIO PIN HEADER

Pin	Description	Pin	Description
1	GPIO_PWR	2	GND
3	GPIO80	4	GPIO84
5	GPIO81	6	GPIO85
7	GPIO82	8	GPIO86
9	GPIO83	10	GPIO87

JP9: PCIE CONFIGURATION SETTING

Pin	Description	Pin	Description
1-2 (*)	PCIE x16	2-3	PCIE x8+ PCIE x8

IN1: LINE IN CONNECTOR

Pin	Description	Pin	Description
1	PWRBTN#_J	2	GND
3	SLP_S3#_C		

CN3/CN4: SATA POWER CONNECTOR

Pin	Description	Pin	Description
1	VCC12	2	GND
3	GND	4	VCC5

JP3: PCH_CONFIG_PIN HEADER

Pin	Description	Pin	Description
1-2 (*)	NORMAL	2-3	CONFIGURE
4-5	RECOVERY		

COM3: RS232/422/485 CONNECTOR

PB1: POWER BUTTON CONNECTOR

Pin	Description	Pin	Description
1	PWRBTN#_C	2	GND
3	PB_POWER		

ATX1: AT/ATX MODE SELECT

Pin	Description	Pin	Description
1-2 (*)	ATX Mode	2-3	AT Mode

FAN1: SYSTEM FAN CONNECTOR

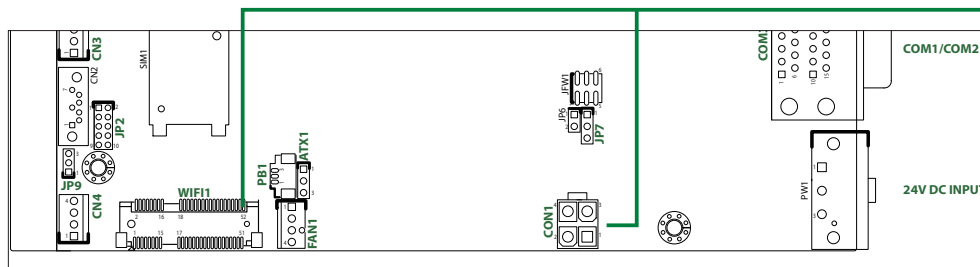
Pin	Description	Pin	Description
1	GND	2	VCC12
3	FAN TAC	4	FAN CTL

JP7: CMOS CLEAR PIN HEADER

Pin	Description	Pin	Description
1-2 (*)	Normal	2-3	Clear CMOS

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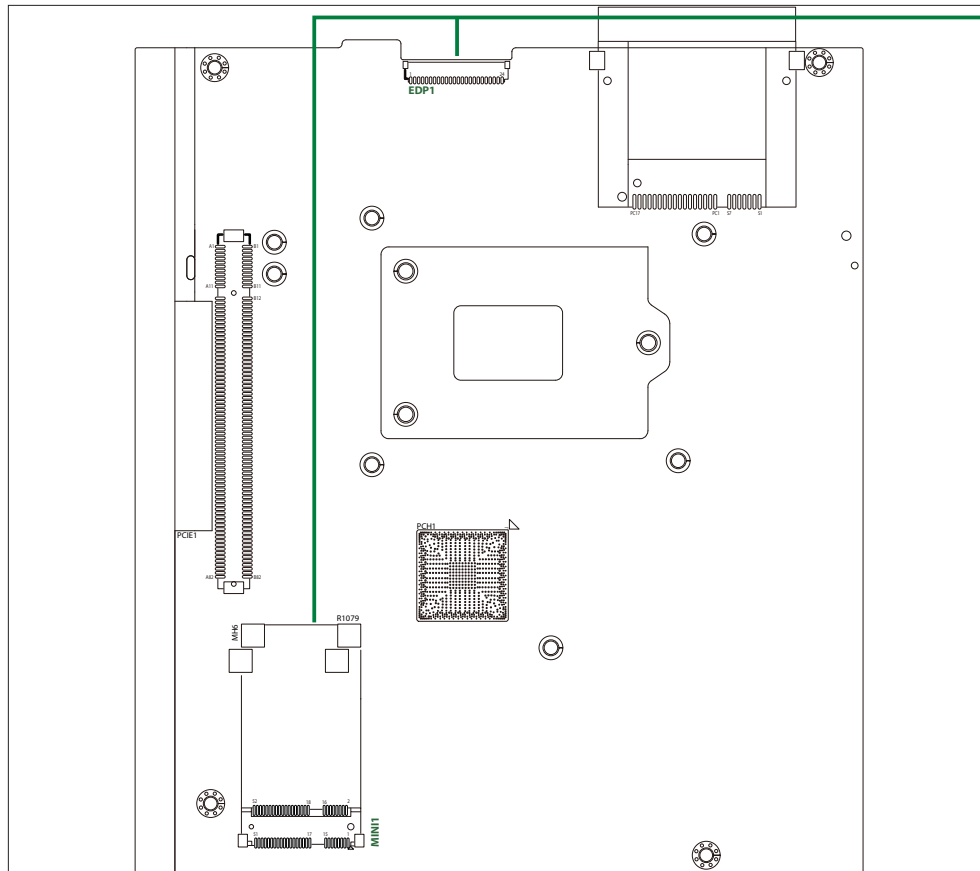
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CON1: DC IN POWER CONNECTOR

Pin	Description	Pin	Description
1	GND	2	GND
3	VIN_3	4	VIN_3

WIF1: MINI-PCIE (WLAN/GSM)



DEP1: EDP TO LVDS CONNECTOR

Pin	Description	Pin	Description
1	GND	2	GND
3	GND	4	EDP_DISP_UTIL
5	EDP_HPD	6	EDP_BKLTEN
7	EDP_VDDEN	8	EDP_BKLTCTL
9	EDP_AUXN	10	EDP_AUXP
11	EDP_TXN3	12	EDP_TXP3
13	EDP_TXN2	14	EDP_TXP2
15	EDP_TXN1	16	EDP_TXP1
17	EDP_TXN0	18	EDP_TXP0
19	GND	20	VCC12
21	VCC12	22	VCC12
23	VCC3	24	VCC3
MH1	GND	MH2	GND

MINI1: MINI-PCIE (mSATA)

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

☐ = Pin1 [*] = Default setting