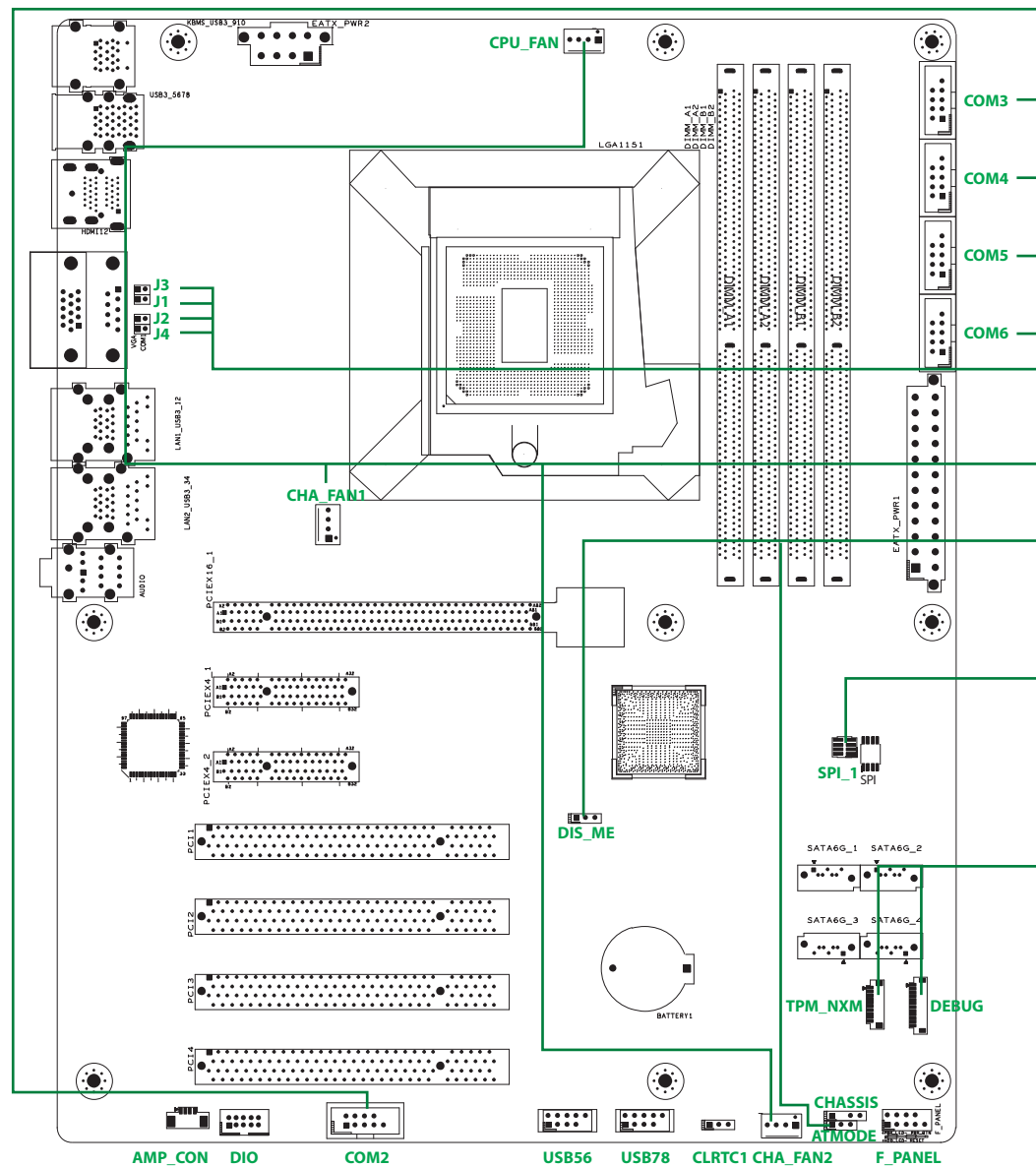


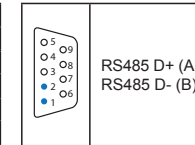
# NEX 912 Quick Reference Guide



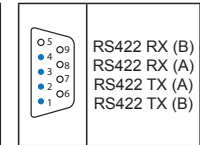
## COM 2~6: Int. Serial Port Connector

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

## COM1 RS485 Mode



## COM1 RS422 Mode



## J1, J2, J3, J4: COM1 RS422 / RS485 Terminator

Terminator	Mode
<input type="checkbox"/>	RS232 (Default)
<input type="checkbox"/>	RS485/RS422 with terminator

## CPU\_FAN1 / CHA\_FAN1 / CHA\_FAN2: FAN Connector

Pin	Definition
1	PWM
2	SENSE
3	VCC
4	GND

## DIS\_ME: Disable ME

Switch Position	Definition
1-2	Disable ME
2-3	Normal

## ATMODE: H/W AT/ATX Mode Selection

Switch Position	Definition
1-2	ATX mode
2-3	AT mode

## SPI\_1: SPI flase Programmable Connector

Pin	Definition	Pin	Definition
1	+3V_SPI	2	GND
3	S_SPI_CS1#Q	4	S_SPI_CLK_2Q
5	S_SPI_MISO_2Q	6	S_SPI_MOSI_2Q
7	(NC)	8	(NC)

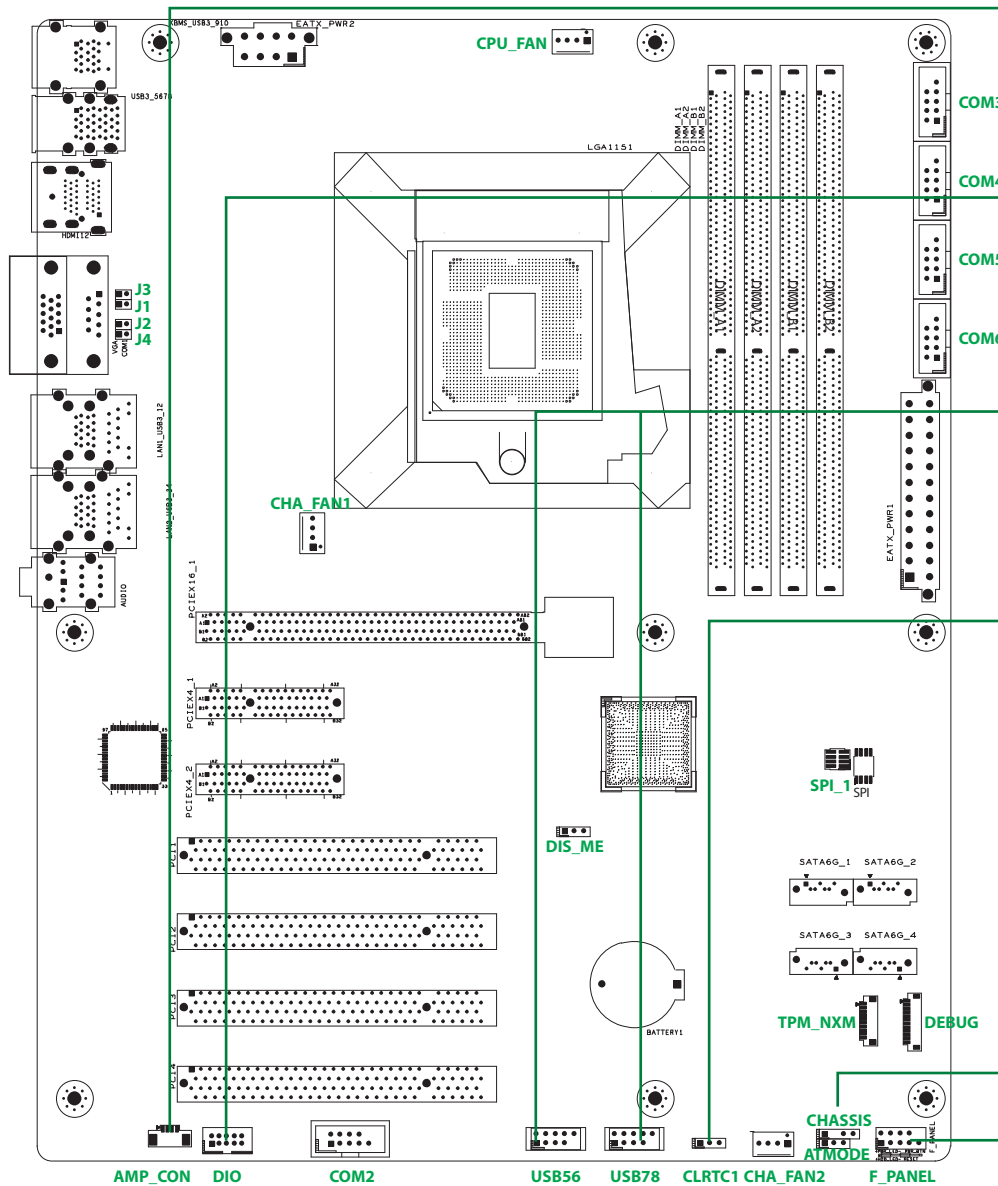
## DEBUG: Debug Port Connector

Pin	Definition
1	S_LAD0
2	S_LAD1
3	S_LAD2
4	S_LAD3
5	+3V
6	F_FRAME#
7	S_PLTRST#
8	GND
9	33M_CLK5_C
10	S_LDRQ1#
11	S_LDRQ#
12	F_SERIRQ#

## TPM\_NXM: NXM TPM Connector

Pin	Definition
1	GND
2	S_PLTRST#
3	33M_CLK4_C
4	F_FRAME#
5	S_LAD3
6	S_LAD2
7	S_LAD1
8	S_LAD0
9	F_SERIRQ#
10	+3V

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## AMP\_CON: NXM TPM Connector

	Pin	Definition
	1	ROUTP
	2	ROUTN
	3	LOUTN
4	LOUTP	

## DIO: Digital I/O connector

	Pin	Definition	Pin	Definition
	1	DIO_I#1	2	DIO_I#2
	3	DIO_P#3	4	DIO_I#4
	5	DIO_O#1	6	DIO_O#2
	7	DIO_O#3	8	DIO_O#4
	9	+5V	10	GND

## USB56 ~ USB 78: Int. USB 2.0 Connector

	Pin	Definition	Pin	Definition
	1	+5V	2	GND
	3	S_USB_PN	4	GND
	5	S_USB_PP	6	S_USB_PP
	7	GND	8	S_USB_PN
	9	GND	10	+5V

## CLRTC1: Clear CMOS

	1-2 (Default)	Normal
	2-3	Clear

## CHASSIS: Chassis Intruder

	1-2	Chassis Intruder - No Intruder
	3-4	Chassis Intruder - Intruder

## F\_PANEL1: Front Panel Connector

	Pin	Definition	Pin	Definition
	1	HDLED+	2	PLED+
	3	HDLED-	4	PLED-
	5	GND	6	F_PWRBTN#
	7	RSTCON#_PANEL	8	GND
	9	(NC)	10	(kill pin)

Quick reference guide is subject to change without prior notice. For any update, please visit our website: [www.nexcom.com](http://www.nexcom.com)

= Pin1 [\*] = Default setting