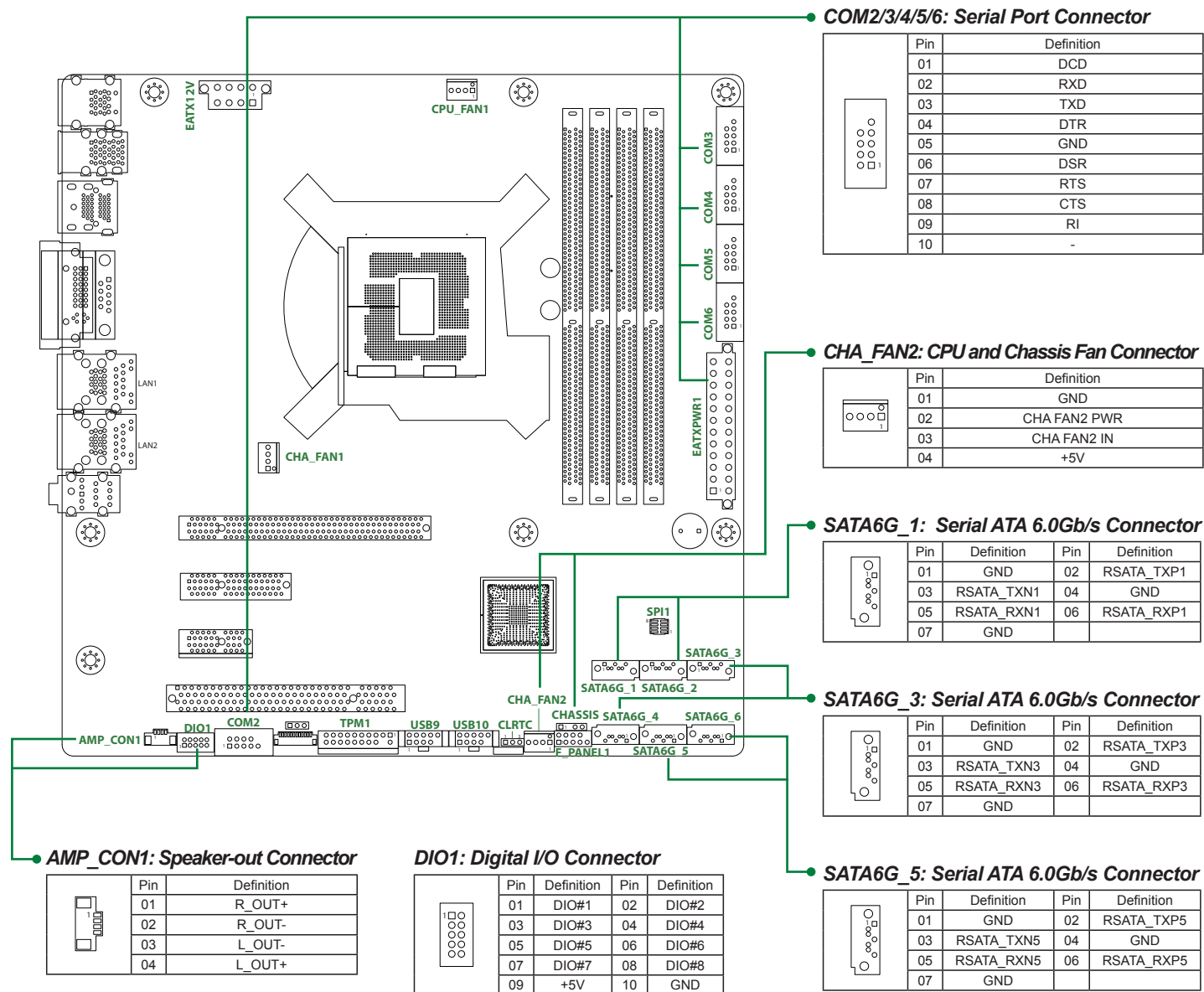


NEX 812 Quick Reference Guide



EATX_PWR1: ATX Power Connectors

Pin	Definition	Pin	Definition
01	+3V	02	+3V
03	+3V	04	-12V
05	GND	06	GND
07	+5V	08	PSON#
09	GND	10	GND
11	+5V	12	GND
13	GND	14	GND
15	PWR OK	16	-5V
17	+5VSB	18	+5V
19	+12V	20	+5V
21	+12V	22	+5V
23	+3V	24	GND

CHASSIS: Chassis Intrusion Connector

Pin	Definition
01	+5VSB_MB
02	-
03	Chassis Signal
04	GND

SATA6G_2: Serial ATA 6.0Gb/s Connector

Pin	Definition	Pin	Definition
01	GND	02	RSATA_TXP2
03	RSATA_TXN2	04	GND
05	RSATA_RXN2	06	RSATA_RXP2
07	GND		

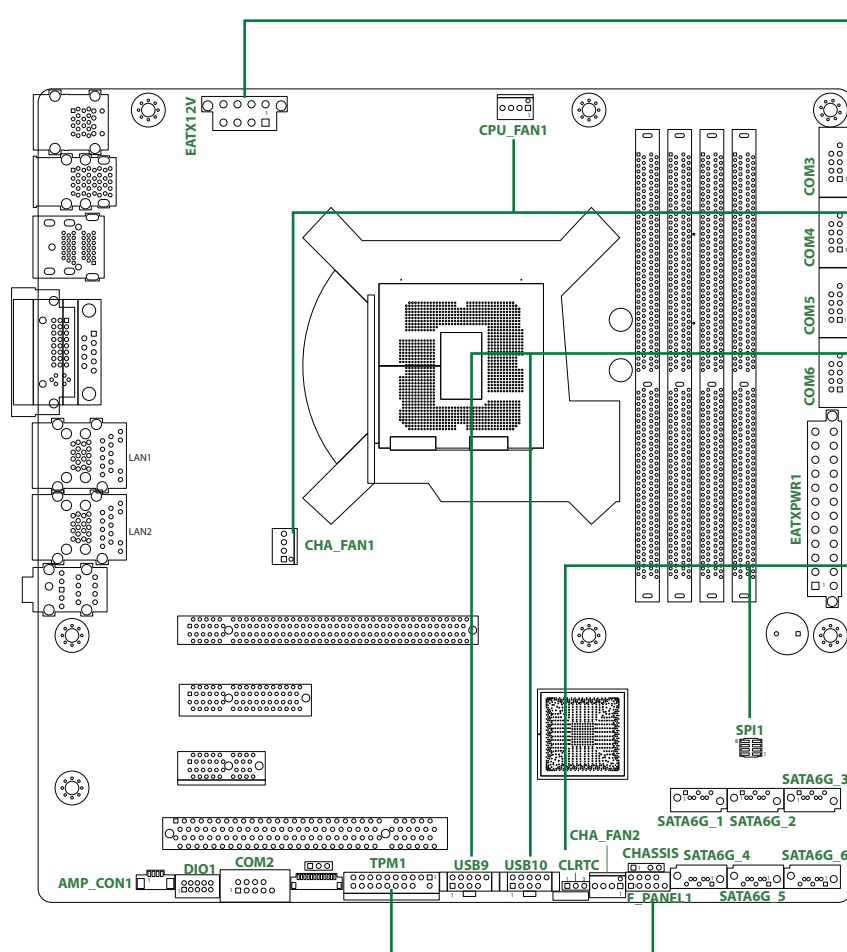
SATA6G_4: Serial ATA 6.0Gb/s Connector

Pin	Definition	Pin	Definition
01	GND	02	RSATA_TXP4
03	RSATA_TXN4	04	GND
05	RSATA_RXN4	06	RSATA_RXP4
07	GND		

SATA6G_6: Serial ATA 6.0Gb/s Connector

Pin	Definition	Pin	Definition
01	GND	02	RSATA_TXP6
03	RSATA_TXN6	04	GND
05	RSATA_RXN6	06	RSATA_RXP6
07	GND		

NEX 812 Quick Reference Guide



EATX12V: ATX Power Connectors

Pin	Definition	Pin	Definition
01	+12V	02	GND
03	+12V	04	GND
05	+12V	06	GND
07	+12V	08	GND

CHA_FAN1: CPU and Chassis Fan Connector

Pin	Definition	Pin	Definition
01	GND	02	CHA FAN1 PWR
03	CHA FAN1 IN	04	+5V

CPU_FAN1: CPU and Chassis Fan Connector

Pin	Definition	Pin	Definition
01	GND	02	CPU FAN PWR
03	CPU FAN IN	04	+5V

USB9: USB 2.0 Connector

Pin	Definition	Pin	Definition
01	+5V	02	+5V
03	USB_P11-	04	USB_P12-
05	USB_P11+	06	USB_P12+
07	GND	08	GND
09	-	10	NC

USB10: USB 2.0 Connector

Pin	Definition	Pin	Definition
01	+5V	02	+5V
03	USB_P13-	04	USB_P14-
05	USB_P13+	06	USB_P14+
07	GND	08	GND
09	-	10	NC

CLRTC: Clear RTC RAM

Pin	Definition
1-2*	Normal (Default)
2-3	Clear RTC

SPI1: BIOS Programmable Connector

Pin	Definition	Pin	Definition
01	+3.3VSP1	02	GND
03	SPI_CS0#_F	04	SPI_CLK_F
05	SPI_SO_F	06	SPI_SI_F
07	NC	08	NC

TPM1: TPM Connector

Pin	Definition	Pin	Definition
01	LCLK	02	GND
03	LFRAME#	04	-
05	PCIRST#	06	NC
07	LAD3	08	LAD2
09	+3V	10	LAD1
11	LAD0	12	GND
13	NC	14	NC
15	+3VSB	16	SERIRQ
17	GND	18	CLKRUN#
19	LPCPD#	20	NC

F_PANEL1: System Panel Connector

Pin	Definition
01	HDD_LED+
02	PWR_LED+
03	HDD_LED-
04	PWR_LED-
05	GND
06	PWR
07	HWRESET#
08	GND
09	NC

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

□=Pin1 [*]=Default setting