CP-RTM6014

Rear Panel I/O

Board Rev. 1

QUICK REFERENCE

Document version 1.1

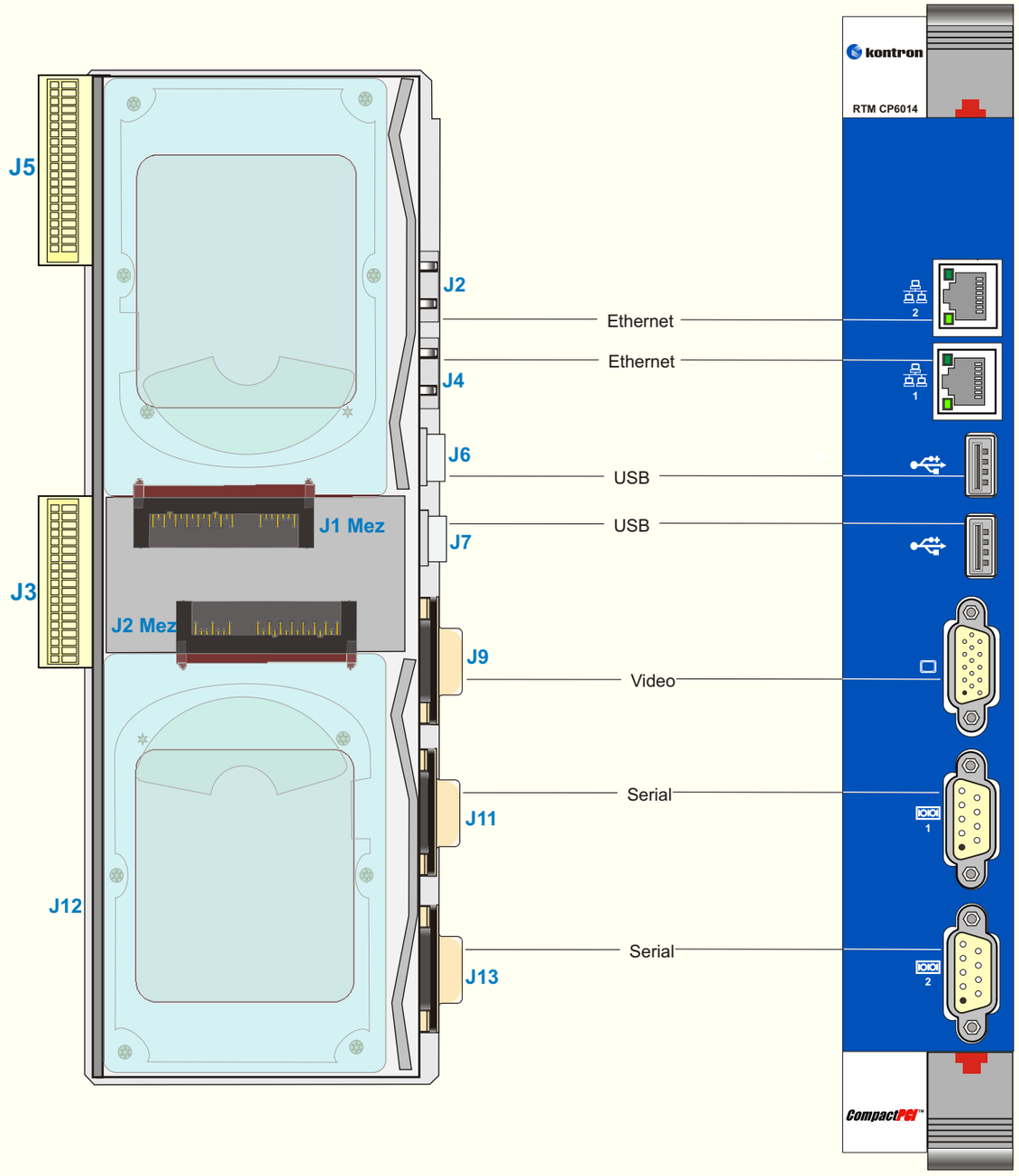
CONNECTORS

J2	Ethernet Connector
J3	J3 CPCI Connector
J4	Ethernet Connector
J5	J5 CPCI Connector
J6	USB Connector
J7	USB Connector
J9	Video Connector
J11	Serial Connector
J12	Post Code Connector
J13	Serial Connector
J1 Mez	SATA HDD connector
J2 Mez	SATA HDD connector

Ethernet LEDs

Upper LED: Link / Act
Off: No link
Green: Link

Lower LED: Activity
Blinking: Activity



Connector Pinouts

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J3 - CompactPCI I/O

	ROW A	ROW B	ROW C	ROW D	ROW E
1	SP0:RTS	SP0:RXD	SP0:DSR	SP0:DCD	ID1
2	SP0:RI	SP0:DTR	SP0:CTS	SP0:TXD	RSV
3	SP1:RTS	SP1:RXD	SP1:DSR	SP1:DCD	RSV
4	SP1:RI	SP1:DTR	SP1:CTS	SP1:TXD	RSV
5	VGA:BLUE	VGA:HSYNC	VGA:VSYNC	VGA:SCL	RSV
6	VGA:RED	VGA:GREEN	VGA:SDA	POST:CLK	POST:DATA
7	3V3	ID2	ID3	ID4	RSV
8	USB0:DATA-	USB0:DATA+	RSV	RSV	RSV
9	USB1:DATA-	USB1:DATA+	GND	RSV	RSV
10	USB1:VCC	USB0:VCC	GND	RSV	RSV
11	RSV	RSV	GND	RSV	RSV
12	RSV	RSV	GND	RSV	RSV
13	LAN0:ACT#	LAN1:ACT#	RSV	RSV	RSV
14	LAN0:LINK#	LAN1:LINK#	LAN:CT	RSV	RSV
15	LAN1:DB+	LAN1:DB-	GND	LAN1:DD+	LAN1:DD-
16	LAN1:DA+	LAN1:DA-	GND	LAN1:DC+	LAN1:DC-
17	LAN0:DB+	LAN0:DB-	GND	LAN0:DD+	LAN0:DD-
18	LAN0:DA+	LAN0:DA-	GND	LAN0:DC+	LAN0:DC-
19	5V	5V	3V3	+12V	-12V

J5 - CompactPCI I/O

	ROW A	ROW B	ROW C	ROW D	ROW E
1	GND	GND	GND	GND	GND
2	HT0:TX+	HT0:TX-	GND	HT0:RX+	HT0:RX-
3	GND	GND	GND	GND	GND
4	RSV	RSV	GND	RSV	RSV
5	GND	GND	GND	GND	GND
6	HT2:TX+	HT2:TX-	GND	HT2:RX+	HT2:RX-
7	GND	GND	GND	GND	GND
8	RSV	RSV	GND	RSV	RSV
9	GND	GND	GND	GND	GND
10	RSV	RSV	GND	SMB:SDA	SMB:SCL
11	RSV	RSV	GND	RSV	RSV
12	RSV	RSV	GND	RSV	RSV
13	RSV	RSV	GND	RSV	RSV
14	RSV	RSV	GND	RSV	RSV
15	RSV	RSV	GND	RSV	RSV
16	RSV	RSV	GND	RSV	RSV
17	RSV	RSV	GND	RSV	RSV
18	RSV	RSV	GND	RSV	RSV
19	RSV	RSV	GND	RSV	RSV
20	RSV	RSV	GND	RSV	RSV
21	RSV	RSV	GND	RSV	RSV
22	RSV	RSV	GND	RSV	RSV

J2 & J4 - Ethernet

1	DA+	5	DC-
2	DA-	6	DB-
3	DB+	7	DD+
4	DC+	8	DD-

J11 & J13 - Serial Port

DCD#	1	6	DSR#
RXD	2	7	RTS#
TXD	3	8	CTS#
DTR#	4	9	RI#
GND	5		

J9 - Video SVGA

Row 1 (1-5)		9	N.C.
1	RED	10	GND
2	GREEN	Row 3 (11-15)	
3	BLUE	11	N.C.
4	N.C.	12	SDATA
5	GND	13	HSYNC
Row 2 (6-10)		14	VSYNC
6-8	A_GND	15	SCLK

J1 & J2 Mez - SATA

S1	GND	P1	3.3V
S2	TX+	P2	3.3V
S3	TX-	P3	3.3V
S4	GND	P4	GND
S5	RX-	P5	GND
S6	RX+	P6	GND
S7	GND	P7	5V
S8	GND	P8	5V
S9	N.C.	P9	5V
S10	N.C.	P10	GND
S11	GND	P11	RSV
S12	N.C.	P12	GND
S13	N.C.	P13	12V
S14	GND	P14	12V
		P15	12V

J12 - POST Code

1	3.3V
2	DATA
3	CLOCK
4	GND

J6 & J7 - USB

1	VCC
2	DATA-
3	DATA+
4	GND

For Technical Support please contact:

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2 . E-Mail : support@ca.kontron.com
3. Fax : (450) 437-8053
4. Tel : (800) 354-4223

The Technical Reference Manual and the Quick Reference can be downloaded from Kontron Web site at:
http://www.kontron.com
Or from Kontron FTP site at:
ftp://ftp.kontron.ca/Support/

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