

## EIA-232 Pin Configuration for UltraPort, UltraPort SI, UltraPort Express and SPEED LE Express Serial Cards

DB25 Pin	EIA-232	Direction
1 & Shell	C-GND	-
2	TXD	Out
3	RXD	In
4	RTS	Out
5	CTS	In
6	DSR	In
7	S-GND	-
8	DCD	In
20	DTR	Out
22	RI	In

DB9 Pin	EIA-232	Direction
1	DCD	In
2	RXD	In
3	TXD	Out
4	DTR	Out
5	S-GND	-
6	DSR	In
7	RTS	Out
8	CTS	In
9	RI	In

RJ45 10-Pin	RJ45 8-Pin	EIA-232	Direction
1		RI	In
2	1	DCD	In
3	2	RTS	Out
4	3	DSR	In
5	4	TXD	Out
6	5	RXD	In
7	6	S-GND	-
8	7	CTS	In
9	8	DTR	Out
10		NC	-

***RJ45 10-pin to DB25 converter***

<b>RJ45 Pin</b>	<b>DB25 Pin</b>	<b>EIA-232</b>
1	22	RI
2	8	DCD
3	4	RTS
4	6	DSR
5	2	TXD
6	3	RXD
7	7	S-GND
8	5	CTS
9	20	DTR
10	N/C	N/A

***RJ45 10-pin to DB9 converter***

<b>RJ45 Pin</b>	<b>DB9 Pin</b>	<b>EIA-232</b>
1	9	RI
2	1	DCD
3	7	RTS
4	6	DSR
5	3	TXD
6	2	RXD
7	5	S-GND
8	8	CTS
9	4	DTR
10	N/C	N/A

***RJ45 10-pin to RJ45 SPEED converter***

<b>RJ45M 10-Pin to card</b>	<b>RJ45M 10-Pin SPEED</b>	<b>RJ45F 8-Pin SPEED</b>	<b>EIA-232</b>
1	1		RI
2	2	1	DCD
3	8	7	RTS
4	4	3	DSR
5	6	5	TXD
6	7	6	RXD
7	5	4	S-GND
8	9	8	CTS
9	3	2	DTR
10	10		N/A

***RJ45 10-pin to RJ45 Digi converter***

<b>RJ 45M 10 Pin to card</b>	<b>RJ45M 10-Pin Digi</b>	<b>RJ45F 8-Pin Digi</b>	<b>EIA-232</b>
1	1		RI
2	10		DCD
3	3	2	RTS
4	2	1	DSR
5	5	4	TXD
6	6	5	RXD
7	7	6	S-GND
8	8	7	CTS
9	9	8	DTR
10	N/C		N/A
C-GND Shell	4 & Shell	3 & Shell	C-GND

***RJ45 10-pin to RJ45 Digi ALTPIN converter***

<b>RJ45M 10-Pin to card</b>	<b>RJ45M 10-Pin Digi ALTPIN</b>	<b>RJ45F 8-Pin Digi ALTPIN</b>	<b>EIA-232</b>
1	1		RI
2	2	1	DCD
3	3	2	RTS
4	10	NC	DSR
5	5	4	TXD
6	6	5	RXD
7	7	6	S-GND
8	8	7	CTS
9	9	8	DTR
10	N/C		N/C
Shell	4 & Shell	3 & Shell	C-GND