













Cables and Connectors

FDD / HDD cable

	FDD cable		SATA HDD cable	
				
Model name	32200-000017-RS	32200-000058-RS	32000-062800-RS	32100-088600-RS
Cable type	FDD flat cable	FDD flat cable	SATA HDD cable	SATA power cable
Connector	34p-34p-34p	34p-34p	SATA 7-pin	4-pin model - 2 x SATA 15-pin
Connector type	2.54 mm	2.54 mm-2.0 mm	Lockable	SATA Power connector
Length	37 cm + 15 cm	35 cm	50 cm	15 cm

	SATA HDD cable			
				
Model name	32000-080700-RS	32000-114000-RS	32000-123000-RS	32000-106100-RS
Cable type	SATA + Power cable kit	SATA + Power cable kit	SATA + Power cable	SATA + Power cable
Connector	SATA 7-pin + 4-pin model	SATA 7-pin + 2-pin wafer 2.0mm	SATA 7pin + 4-pin wafer 2.54mm	SATA 7-pin + 4-pin wafer 2.54mm
Connector type		2-pin PH 2.0	4-pin Mox 2.54 mm	4-pin PH 2.54 mm
Length	SATA cable 20 cm Power cable 10 cm	SATA cable 15 cm Power cable 15 cm	SATA cable 12 cm Power cable 9 cm	SATA cable 20 cm Power cable 20 cm

	IDE HDD cable			
				
Model name	32200-000005-RS	32200-000009-RS	32200-000037-RS	32200-025001-RS
Cable type	IDE HDD flat cable	IDE HDD flat cable	IDE HDD flat cable	IDE HDD flat cable
Connector	40p-40p-40p	44p-44p	44p-44p	44p-40p-40p
Connector type	2.54mm	2.0mm -2.0mm	2.0mm -2.0mm	2.0mm-2.54mm-2.54mm
Length	40 cm + 17 cm	40 cm	25 cm	20 cm + 15 cm

	IDE HDD cable			
				
Model name	32200-000052-RS	32200-008800-RS	CB-HD32-RS	CVT-4044-RS
Cable type	ATA-66 HDD flat cable	ATA-33 HDD flat cable	IDE HDD 40p to 44p	IDE 40p to 44p adapter
Connector	40p-40p-40p	44p-40p-40p	40p-44p	40p-44p
Connector type	2.54mm	2.0mm-2.54mm-2.54mm	2.54mm-2.0mm	2.54mm-2.0mm
Length	30 cm + 15 cm	20 cm + 15 cm	IDE cable: 39 cm Power cable: 20 cm	Power cable: 20 cm

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Cables and Connectors

Paralle / Serial cable

Paralle cable				
Model name	19800-000049-RS	19800-000050-RS	19800-000027-RS	32200-015100-RS
Cable type	Parallel port cable	Parallel and serial port cable	Parallel and serial port cable	Parallel port cable
Board side	26-pin (2x13) connector (2.54mm)	26-pin (2x13) connector (2.54mm) 10-pin (2x5) connector (2.54mm)	26-pin (2x13) connector (2.0mm) 10-pin (2x5) connector (2.0mm)	26-pin (2x13) connector (2.0mm)
Board side pitch	2.54 mm	2.54 mm	2.0 mm	2.0 mm
Device side	DB25F	DB25F + DE9M	DB25F + DE9M	DB25F
Bracket	Yes	Yes	Yes	No
Length	24 cm	24 cm	24 cm	28 cm

Serial cable						
Model name	19800-000114-RS	19800-000047-RS	19800-000051-RS	19800-000113-RS	19800-000112-RS	32200-000015-RS
Cable type	Single com port	Serial port cable	Serial port cable	Serial port cable	Serial port cable	Serial port cable
Board side	10-pin (2x5) connector (2.54mm)	10-pin (2x5) connector (2.54mm)	2 x 10-pin (2x5) connector (2.54mm)	2 x 10-pin (2x5) connector (2.0mm)	2 x 10-pin (2x5) connector (2.0mm)	10-pin (2x5) connector (2.54mm)
Board side pitch	2.54 mm	2.54 mm	2.54 mm	2.0 mm	2.0 mm	2.54 mm
Device side	DE9M	DE9M	2 x DE9M	2 x DE9M	2 x DE9M	DE9M
Bracket	Yes	Yes	Yes	Yes	Yes	No
Length	50 cm	30 cm	23 cm	40 cm	30 cm	23 cm

Serial cable						
Model name	32200-000049-RS	32200-025400-RS	IO-KIT-4COM-R10	32100-147900-RS	32200-025401-RS	32200-026800-RS
Cable type	Serial port cable	4 x com port	Serial port cable	Serial port cable	Serial port cable	RS-422/485 cable
Board side	10-pin (2x5) connector (2.0mm)	40-pin (2x20) connector (2.54mm)	40-pin (2x20) connector (2.0mm)	40-pin (2x20) connector (2.0mm)	40-pin (2x20) connector (2.0mm)	16-pin (2x8) connector (2.54mm)
Board side pitch	2.0 mm	2.54 mm	2.0 mm	2.0 mm	2.0 mm	2.54 mm
Device side	DE9M	4 x DE9M	4 x DE9M	4 x DE9M	4 x DE9M	4 x DE9M
Bracket	No	No	No	No	No	No
Length	20 cm	15/20/25/30 cm	15 cm	30 cm	30 cm	12 cm

Serial cable						
Model name	19800-000058-RS	19800-000110-RS	32200-026500-RS	32200-000061-RS	19800-000063-RS	32200-074800-RS
Cable type	RS-232 & RS-422/485 cable	RS-232 & RS-422/485 cable	RS-232 & RS-422/485 cable	RS-232 & RS-422/485 cable	RS-232 & RS-422/485 cable	RS-422/485 cable
Board side	14-pin (2x7) connector (2.54mm)	14-pin (2x7) connector (2.0mm)	14-pin (2x7) connector (2.0mm)	14-pin (2x7) connector (2.0mm)	4-pin (1x4) connector (2.54mm)	4-pin (1x4) connector (2.0mm)
Board side pitch	2.54 mm	2.0 mm	2.0 mm	2.0 mm	2.54 mm	2.0 mm
Device side	2 x DE9M	2 x DE9M	2 x DE9M	2 x DE9M	DE9M	DE9M
Bracket	Yes	Yes	No	No	No	No
Length	25.5 cm	25 cm	29 cm	23 cm	40 cm	20 cm

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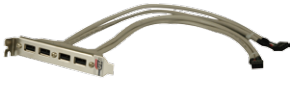



6 I/O Communication Solutions





7 Panel Solutions

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Cables and Connectors


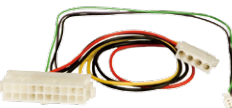
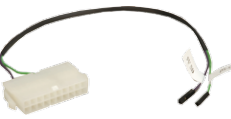


USB / 1394 / Y Cable

	USB cable			
				
Model name	CB-USB14-RS	CB-USB02-RS	CB-USB02A-RS	32000-044300-RS
Cable type	USB cable	USB cable	USB cable	USB cable
Board side	2 x 4-pin (2x4) connector (2.54mm)	2 x 4-pin (1x4) connector (2.54mm)	1 x 8-pin (2x4) connector (2.0mm)	1 x 8-pin (2x4) connector (2.54mm)
Board side pitch	2.54mm	2.54mm	2.0mm	2.54mm
Device side	4 x USB	2 x USB	2 x USB	2 x USB
Bracket	Yes	Yes	Yes	No
Length	30 cm	30 cm	30 cm	21 cm

	USB cable		1394 cable	
				
Model name	32000-073400-RS	32000-070301-RS	CB-IEEE1394-RS	19800-000103-RS
Cable type	USB cable	USB cable	1394 cable	1394 cable
Board side	1 x 8-pin (2x4) connector (2.0mm)	1 x 8-pin (2x4) connector (2.0mm)	2 x 8-pin (1x8) connector (2.0mm)	1 x 8-pin (1x8) connector (2.0mm)
Board side pitch	2.0mm	2.0mm	2.0 mm	2.0 mm
Device side	2 x USB	2 x USB	2 x IEEE1394	1 x IEEE1394
Bracket	No	No	Yes	Yes
Length	40 cm	21 cm	21 cm	25 cm

Pin 1	Pin 2	Pin 3	Pin 4
+12V	GND	TPB-	TPB+
Pin 5	Pin 6	Pin 7	Pin 8
TPA-	TPA+	SHIELD	SHIELD

	Keyboard / Mouse cable				
					
Model name	19800-000066-RS	19800-000075-RS	32000-000138-RS	32000-043301-RS	32000-023800-RS
Cable type	Keyboard and mouse cable	Y-Cable	Y-Cable	Y-Cable	Y-Cable
Board side	2 x 6-pin (1x6) connector (2.54mm)	1 x 6-pin (1x6) connector (2.0mm)	1 x male PS/2	1 x 6-pin (1x6) connector (2.54mm)	1 x 6-pin (1x6) connector (2.0mm)
Board side pitch	2.54mm	2.0mm		2.54mm	2.0mm
Device side	2 x female PS/2	2 x female PS/2	2 x female PS/2	2 x female PS/2	2 x female PS/2
Bracket	Yes	Yes	No	No	No
Length	30 cm	22 cm	13 cm	60 cm	13 cm

	Power cable				
					
Model name	32100-087100-RS	32100-052100-RS	32100-043403-RS	32100-192900-RS	32100-130300-RS
Cable type	12V Power cable	ATX function cable	ATX function cable	12V Power cable	Power cable for PC/104 CPU module
Board side	1 x 4-pin (2x2) connector	1 x 20-pin ATX power connector	1 x 20-pin ATX power connector	1 x 4-pin (2x2) connector	1 x 4-pin (1x4) molex
Device side	2 x 4-pin (1x4) molex	1 x 4-pin (1x4) molex 1 x 3-pin PS_ON connector	PS_ON 2.54mm connector	4-pin 3.5 mm terminal block	3-pin 3.5 mm terminal block
Bracket	No	No	No	No	No
Length	13 cm	30 cm	30 cm	25 cm	10 cm

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Audio / LAN / VGA / TV Cable

Audio cable				
Model name	19800-000043-RS	19800-000020-RS	19800-000044-RS	19800-000111-RS
Cable type	Audio and Serial cable	Audio cable	Audio cable	Audio cable
Board side	Audio cable: 4-pin (1x4) connector (2.54mm) Serial cable: 10-pin (2x5) connector (2.0mm)	12-pin (2x6) connector (2.54mm)	12-pin (2x6) connector (2.0mm)	10-pin (2x5) connector (2.0mm)
Board side pitch	Audio : 2.54mm Serial cable: 2.0mm	2.54mm	2.0mm	2.0mm
Device side	2 x Audio jacks 1x DE9M	4 x Audio jacks	4 x Audio jacks	3 x Audio jacks
Bracket	Yes	Yes	Yes	Yes
Length	30 cm	25 cm	25 cm	30 cm

Audio cable				
Model name	32000-028800-RS	32000-000147-RS	32000-072100-RS	32000-036500-RS
Cable type	Audio cable	Audio cable	Audio cable	Audio cable
Board side	12-pin (2x6) connector (2.54mm)	16-pin (2x8) connector (2.0mm)	10-pin (2x5) connector (2.0mm)	1 x Audio jacks 3.5mm
Board side pitch	2.54mm	2.0mm	2.0mm	3.5mm
Device side	4 x Audio jacks	3 x Audio jacks	3 x Audio jacks	1 x Audio jacks 3.5mm
Bracket	No	No	No	No
Length	25 cm	25 cm	30 cm	18 cm

	LAN cable	VGA cable	
Model name	32000-055702-RS	32000-033800-RS	32000-033804-RS
Cable type	LAN cable	VGA cable	VGA cable
Board side	10-pin (2x5) connector (2.0mm)	10-pin (2x5) connector (2.54mm)	10-pin (2x5) connector (2.0mm)
Board side pitch	2.0mm	2.54mm	2.0mm
Device side	1 x RJ-45	1 x DB15F	1 x DB15F
Bracket	No	No	No
Length	31 cm	30 cm	30 cm

TV/HDTV-output cable					
Model name	19800-000056-RS	32000-083100-RS	32000-083700-RS	32000-083701-RS	32000-083702-RS
Cable type	TV-out cable	HDTV cable	HDTV cable	HDTV cable	HDTV cable
Board side	6-pin (2x3) connector (2.54mm)	1 x Mini-DIN 7-pin connector	1 x Mini-DIN 7-pin connector	6-pin (2x3) connector (2.54mm)	6-pin (2x3) connector (2.0mm)
Board side pitch	2.54mm			2.54mm	2.0mm
Device side	1 x RCA jack 1 x S-video jack	3 x RCA jack 1 x S-video jack	3 x RCA jack	3 x RCA jack	3 x RCA jack
Bracket	Yes	No	No	No	No
Length	25 cm	20 cm	15 cm	20 cm	20 cm

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