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**Technická špecifikácia ponúkaných rozhraní verejných sietí, na ktoré  
sa pripájajú koncové zariadenia, v zmysle  
§ 354 ods. 1 zákona č. 610 / 2003 Z.z.**

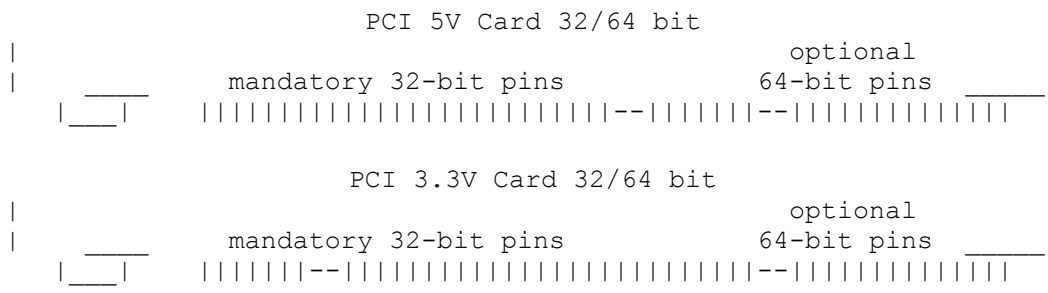
**Verzia 1.0**

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(At the computer)

98+22 PIN EDGE CONNECTOR at the computer.

Pin	+5V	+3.3V	Universal	Description
A1	TRST			Test Logic Reset
A2	+12V			+12 VDC
A3	TMS			Test Mde Select
A4	TDI			Test Data Input
A5	+5V			+5 VDC
A6	INTA			Interrupt A
A7	INTC			Interrupt C
A8	+5V			+5 VDC
A9	RESV01			Reserved VDC
A10	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)
A11	RESV03			Reserved VDC
A12	GND03	(OPEN)	(OPEN)	Ground or Open (Key)
A13	GND05	(OPEN)	(OPEN)	Ground or Open (Key)
A14	RESV05			Reserved VDC
A15	RESET			Reset
A16	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)
A17	GNT			Grant PCI use
A18	GND08			Ground
A19	RESV06			Reserved VDC
A20	AD30			Address/Data 30
A21	+3.3V01			+3.3 VDC
A22	AD28			Address/Data 28
A23	AD26			Address/Data 26
A24	GND10			Ground
A25	AD24			Address/Data 24
A26	IDSEL			Initialization Device Select
A27	+3.3V03			+3.3 VDC

A28	AD22			Address/Data 22
A29	AD20			Address/Data 20
A30	GND12			Ground
A31	AD18			Address/Data 18
A32	AD16			Address/Data 16
A33	+3.3V05			+3.3 VDC
A34	FRAME			Address or Data phase
A35	GND14			Ground
A36	TRDY			Target Ready
A37	GND15			Ground
A38	STOP			Stop Transfer Cycle
A39	+3.3V07			+3.3 VDC;
Address/Data 62				
A69	GND			Ground
A70	AD60			Address/Data 60
A71	AD58			Address/Data 58
A72	GND			Ground
A73	AD56			Address/Data 56
A74	AD54			Address/Data 54
A75	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)
A76	AD52			Address/Data 52
A77	AD50			Address/Data 50
A78	GND			Ground
A79	AD48			Address/Data 48
A80	AD46			Address/Data 46
A81	GND			Ground
A82	AD44			Address/Data 44
A83	AD42			Address/Data 42
A84	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)
A85	AD40			Address/Data 40
A86	AD38			Address/Data 38
A87	GND			Ground
A88	AD36			Address/Data 36
A89	AD34			Address/Data 34
A90	GND			Ground
A91	AD32			Address/Data 32

A92	RES			Reserved
A93	GND			Ground
A94	RES			Reserved
B1	-12V			-12 VDC
B2	TCK			Test Clock
B3	GND			Ground
B4	TDO			Test Data Output
B5	+5V			+5 VDC
B6	+5V			+5 VDC
B7	INTB			Interrupt B
B8	INTD			Interrupt D
B9	PRSNT1			Reserved
B10	RES			+V I/O (+5 V or +3.3 V)
B11	PRSNT2			??
B12	GND	(OPEN)	(OPEN)	Ground or Open (Key)
B13	GND	(OPEN)	(OPEN)	Ground or Open (Key)
B14	RES			Reserved VDC
B15	GND			Reset
B16	CLK			Clock
B17	GND			Ground
B18	REQ			Request
B19	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)
B20	AD31			Address/Data 31
B21	AD29			Address/Data 29
B22	GND			Ground
B23	AD27			Address/Data 27
B24	AD25			Address/Data 25
B25	+3.3V			+3.3VDC
B26	C/BE3			Command, Byte Enable 3
B27	AD23			Address/Data 23
B28	GND			Ground
B29	AD21			Address/Data 21
B30	AD19			Address/Data 19
B31	+3.3V			+3.3 VDC
B32	AD17			Address/Data 17

B33	C/BE2			Command, Byte Enable 2
B34	GND13			Ground
B35	IRDY			Initiator Ready
B36	+3.3V06			+3.3 VDC
B37	DEVSEL			Device Select
B38	GND16			Ground
B39	LOCK			Lock bus
B40	PERR			Parity Error
B41	+3.3V08			+3.3 VDC
B42	SERR			System Error
B43	+3.3V09			+3.3 VDC
B44	C/BE1			Command, Byte Enable 1
B45	AD14			Address/Data 14
B46	GND18			Ground
B47	AD12			Address/Data 12
B48	AD10			Address/Data 10
B49	GND20			Ground
B50	(OPEN)	GND	(OPEN)	Ground or Open (Key)
B51	(OPEN)	GND	(OPEN)	Ground or Open (Key)
B52	AD8			Address/Data 8
B53	AD7			Address/Data 7
B54	+3.3V12			+3.3 VDC
B55	AD5			Address/Data 5
B56	AD3			Address/Data 3
B57	GND22			Ground
B58	AD1			Address/Data 1
B59	VCC08			+5 VDC
B60	ACK64			Acknowledge 64 bit ???
B61	VCC10			+5 VDC
B62	VCC12			+5 VDC
B63	RES			Reserved
B64	GND			Ground
B65	C/BE[6]#			Command, Byte Enable 6
B66	C/BE[4]#			Command, Byte Enable 4
B67	GND			Ground

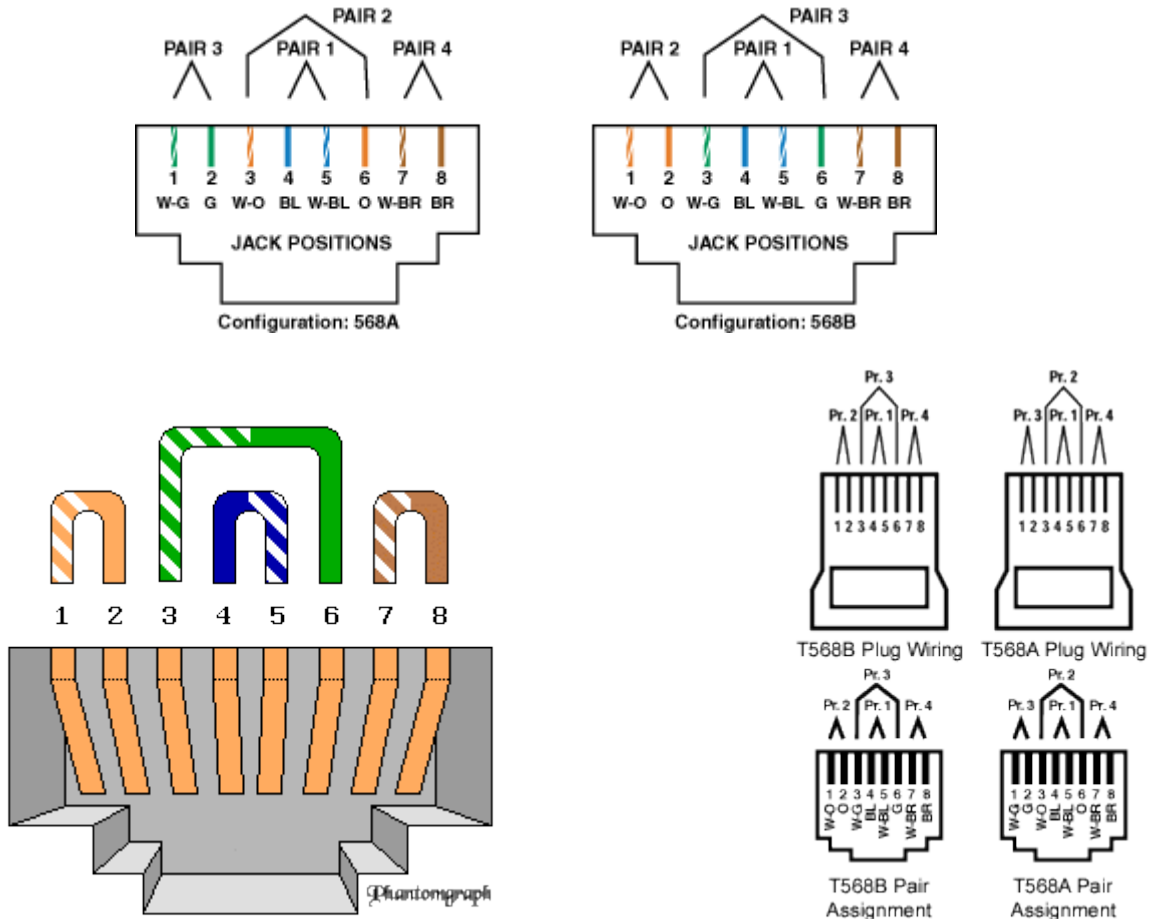
B68	AD63			Address/Data 63
B69	AD61			Address/Data 61
B70	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)

B71	AD59			Address/Data 59
B72	AD57			Address/Data 57
B73	GND			Ground
B74	AD55			Address/Data 55
B75	AD53			Address/Data 53
B76	GND			Ground
B77	AD51			Address/Data 51
B78	AD49			Address/Data 49
B79	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)
B80	AD47			Address/Data 47
B81	AD45			Address/Data 45
B82	GND			Ground
B83	AD43			Address/Data 43
B84	AD41			Address/Data 41
B85	GND			Ground
B86	AD39			Address/Data 39
B87	AD37			Address/Data 37
B88	+5V	+3.3V	Signal Rail	+V I/O (+5 V or +3.3 V)
B89	AD35			Address/Data 35
B90	AD33			Address/Data 33
B91	GND			Ground
B92	RES			Reserved
B93	RES			Reserved
B94	GND			Ground

*Notes: Pin 63-94 exists only on 64 bit PCI implementations.*

*+V I/O is 3.3V on 3.3V boards, 5V on 5V boards, and define signal rails on the Universal board.*

## Rozhranie Ethernet



## 5. Skratky

EN	Európska norma
UTP (STP)	štvorpárový kábel na prepojenie rozhraní Ethernet
100BASE-T	rozhranie 100Mb/s siete Ethernet na metalickom vedení
10BASE-T	rozhranie 10Mb/s siete Ethernet na metalickom vedení
EMC	elektromagnetická kompatibilita
ITU-T	Medzinárodná telekomunikačná únia-normalizačný odbor
IEEE	inštitút elektrotechnických a elektronických inžinierov
PCI	počítačové rozhranie na pripojenie periférnych komponent



## **6. Odkazy na použité technické dokumenty**

[1]

PCI Special Interest Group. PCI Local Bus Specification, rev 2.3, March 29, 2002. Dostupné na [www.pcisig.com](http://www.pcisig.com)

[2]

PCI Special Interest Group. PCI-X Protocol Addendum to the PCI Local Bus Specification Revision 2.0a. July 22, 2003. Dostupné na [www.pcisig.com](http://www.pcisig.com)

[3]

PCI Special Interest Group. PCI Express Base Specification Revision 1.0a. April 15, 2003. Dostupné na [www.pcisig.com](http://www.pcisig.com)

[4]

IEEE 802.3 (2002), IEEE standard for information technology.

[5]

IEEE 802.11b (1999), IEEE standard for information technology.

[6]

EN 50173 (1994), Performance requirements of generic cabling schemes

## **7. História dokumentu**

1. vydanie vo verzii 1.0