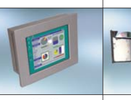
Empfohlenes Format für den Druck: A3

spectra INDUSTRIE-PC & AUTOMATION
EMBEDDED-PC
IPC-KOMPONENTEN & SYSTEME
INDUSTRIELLE KOMMUNIKATION
MESS- & AUTOMATISIERUNGSTECHNIK

Stand November 2007

	Office Systeme, Tower			19" Systeme								Box-PC Systeme		Flachdisplaysysteme						
	Office Rechner mit Industrie Mainboard			mit PCI- und ISA-Bus		mit PCI- und PCIe-Bus				mit PCI-, PCIe- und ISA-Bus	mit PCI-Bus								TFT-Workstation (mit Tastatur)	
																				
	3 x PCI/3 x ISA	6 x PCI/1 x PCIe	4 x PCI/2 x PCIe/1 x ISA	3 x PCI/3 x ISA	7 x PCI/6 x ISA	3 x PCI/ 4 x PCIe	6 x PCI/1 x PCIe	5 x PCI/2 x PCIe	7 x PCI/5 x PCIe	4 x PCI/2 x PCIe/1 x ISA	2 x PCI	3 x PCI	4 x PCI/2 x PCIe	8,4"	10,4"	12,1"	15"	17"	12,1"	15"
	114278	117302	114321	111643	114385	117541	117300	117933	114387	114333	115808	109367	117925	117929	117928	117927	116686	116519	114381	114382
	MT-4252/MB800V Midi-Tower PC	MT-4292/I9454 Midi-Tower PC	MT-4292/MB886 Midi-Tower PC	IPC-KM1200/MB800V 19"-4HE-IPC	IPC-305/IB820 19"-4HE-IPC kurz	IPC-9400/M10 19"-4HE-IPC	IPC-KM1200/i9454 19" -4HE-IPC	IPC-KM1200/Q965 19"-4HE-IPC	IPC-305/P870 19"-4HE-IPC kurz	IPC-KM1200/MB886 19"-4HE-IPC	IPC-1150/W9454 19"-4HE-IPC	IPC-42H/IB890 Mini-Box-IPC	IPC-130/Q965 Midi-Box-IPC	PPC-3708/SPM-TR2 8,4"-Panel-PC	PPC-3710/SPM-TR2 10,4"-Panel-PC	PPC-3712/SPM-TR2 12,1"-Panel-PC	PPC-3715/SPM-TR2 15"-Panel-PC	PPC-3717/SPM-TR2 17"-Panel-PC	WS-843/IB820 12,1"-TFT-Workstation	WS-855/IB820 15"-TFT-Workstation
Preis *	720 €	845 €	897 €	873 €	950 €	805 €	948 €	975 €	1.268 €	1.032 €	912 €	998 €	882 €	1.425 €	1.529 €	1.565 €	1.529 €	1.615 €	1.541 €	1.532 €
Gehäuse																				
Typ	Midi-Tower	Midi-Tower	Midi-Tower	19"-4HE-IPC	19"-4HE-IPC	19"-4HE-IPC	19"-4HE-IPC	19"-4HE-IPC	19"-4HE-IPC	19"-4HE-IPC	19"-4HE-IPC	Mini-Box-IPC	Midi-Box-IPC	Panel-PC	Panel-PC	Panel-PC	Panel-PC	Panel-PC	TFT-Workstation	TFT-Workstation
Lüfter	1 x 80 mm	1 x 80 mm	1 x 80 mm	1 x 120 mm	2 x 80 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	2 x 80 mm	1 x 120 mm	2 x 40 mm	1 x 80 mm	2 x 80 mm	-	-	-	-	-	1 x 120 mm	1 x 120 mm
Luftfilter	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	-	-	-	-	✓	✓
Laufwerks-Schacht 5,25" extern	3 x frei, 1 x belegt	3 x frei, 1 x belegt	3 x frei, 1 x belegt	2 x frei, 1 x belegt	1 x frei, 2 x belegt	2 x frei, 1 x belegt	2 x frei, 1 x belegt	2 x frei, 1 x belegt	1 x frei, 2 x belegt	2 x frei, 1 x belegt	0 x frei, 1 x belegt	-	1 x frei, 1 x belegt	-	-	-	0 x frei, 1 x belegt (Slim)	0 x frei, 1 x belegt (Slim)	0 x frei, 1 x belegt	0 x frei, 1 x belegt
Laufwerks-Schacht 3,5" extern	0 x frei, 1 x belegt	2 x frei, 0 x belegt	2 x frei, 0 x belegt	0 x frei, 2 x belegt	0 x frei, 1 x belegt	1 x frei, 0 x belegt	1 x frei, 0 x belegt	1 x frei, 0 x belegt	0 x frei, 1 x belegt	1 x frei, 1 x belegt	-	0 x frei, 1 x belegt	1 x frei, 0 x belegt	-	-	-	-	-	0 x frei, 1 x belegt	0 x frei, 1 x belegt
Laufwerks-Schacht 3,5" intern	1 x frei, 1 x belegt	1 x frei, 1 x belegt	1 x frei, 1 x belegt	-	-	1 x frei, 1 x belegt	-	-	-	-	0 x frei, 1 x belegt	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")	0 x frei, 1 x belegt (2,5")
Breite	192 mm	192 mm	192 mm	483 mm (19")	483 mm (19")	483 mm (19")	483 mm (19")	483 mm (19")	483 mm (19")	483 mm (19")	483 mm (19")	140 mm	350 mm	244 mm	311 mm	340 mm	410 mm	452 mm	483 mm (19")	483 mm (19")
Höhe	426 mm	426 mm	426 mm	177 mm (4HE)	177 mm (4HE)	177 mm (4HE)	177 mm (4HE)	177 mm (4HE)	177 mm (4HE)	177 mm (4HE)	44 mm (1HE)	230 mm	176 mm	178 mm	242 mm	260 mm	309 mm	356 mm	310 mm (7HE)	353 mm (8HE)
Tiefe	482 mm	482 mm	482 mm	450 mm	413 mm	473 mm	450 mm	450 mm	413 mm	450 mm	449 mm	269 mm	420 mm	75 mm	70 mm	73 mm	80 mm	80 mm	268 mm	261 mm
Display																				
Größe	-	-	-	-	-	-	-	-	-	-	-	-	-	8,4" TFT	10,4" TFT	12,1" TFT	15" TFT	17" TFT	12,1" TFT	15" TFT
Auflösung	-	-	-	-	-	-	-	-	-	-	-	-	-	800 x 600	800 x 600	800 x 600	1.024 x 768	1.280 x 1.024	800 x 600	1.024 x 768
Farbtiefe	-	-	-	-	-	-	-	-	-	-	-	-	-	18-bit	18-bit	18-bit	18-bit	18-bit	18-bit	18-bit
Helligkeit	-	-	-	-	-	-	-	-	-	-	-	-	-	220 cd/m²	230 cd/m²	400 cd/m²	350 cd/m²	300 cd/m²	400 cd/m²	350 cd/m²
Touchscreen	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	-	-
Tastatur																				
alphanumerische Tasten	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	49
Funktions-Tasten	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10
Touchpad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓
Netzteil																				
Typ	PS/2, ATX	PS/2, ATX	PS/2, ATX	PS/2, ATX	PS/2, ATX	PS/2, ATX	PS/2, ATX	PS/2, ATX	PS/2, ATX	PS/2, ATX	1U, ATX	1U, ATX	PS/2, ATX	Adapter	Adapter	Adapter	1U, ATX	1U, ATX	PS/2, ATX	PS/2, ATX
Watt	400	400	400	400	400	400	400	400	400	400	150	150	300	80	80	80	150	150	300	300
Full-Range	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lüfter	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 120 mm	1 x 40 mm	1 x 40 mm	1 x 80 mm	-	-	-	-	-	1 x 80 mm	1 x 80 mm
Noise	leise	leise	leise	leise	leise	leise	leise	leise	leise	leise	leise	leise	leise	-	-	-	-	-	leise	leise
Steckplätze																				
PCIe(x16)	-	1 x	1 x	-	-	1 x	1 x	1 x	1 x	1 x	-	-	1 x	-	-	-	-	-	-	-
PCIe(x4)	-	-	-	-	-	-	-	1 x	-	-	-	-	1 x	-	-	-	-	-	-	-
PCIe(x1)	-	-	1 x	-	-	3 x	-	-	4 x	1 x	-	-	-	-	-	-	-	-	-	-
32-Bit PCI (5 V)	3 x	6 x	4 x	3 x	7 x	3 x	6 x	5 x	7 x	4 x	2 x	3 x	3 x	-	-	-	1 x	1 x	4 x	4 x
16-Bit ISA	3 x	-	1 x	3 x	6 x	-	-	-	-	1 x	-	-	-	-	-	-	-	-	5 x	5 x
CPU																				
Typ	Intel® Pentium® 4	Intel® Core™ 2 Duo	Intel® Core™ 2 Duo	Intel® Pentium® 4	Intel® Pentium® 4	Intel® Core™ 2 Duo	Intel® Core™ 2 Duo	Intel® Core™ 2 Duo	Intel® Core™ 2 Duo	Intel® Core™ 2 Duo	Intel® Core™ 2 Duo	Intel® Pentium® M	Intel® Core™ 2 Duo	Intel® Pentium® M	Intel® Pentium® M	Intel® Pentium® M	Intel® Pentium® M	Intel® Pentium® M	Intel® Pentium® 4	Intel® Pentium® 4
Sockel	478	775	775	478	478	775	775	775	775	775	775	478	775	478	478	478	478	478	478	478
Takt	2,8 GHz	E6320 / 1,86 GHz	E6320 / 1,86 GHz	2,8 GHz	2,8 GHz	E6320 / 1,86 GHz	E6320 / 1,86 GHz	E6320 / 1,86 GHz	E6320 / 1,86 GHz	E6320 / 1,86 GHz	1,86 GHz	1,8 GHz	1,86 GHz	1,8 GHz	1,8 GHz	1,8 GHz	1,8 GHz	1,8 GHz	2,8 GHz	2,8 GHz
Chipsatz	i845GV + ICH4	i945G + ICH7	i945G + ICH7	i845GV + ICH4	i845GV + ICH4	iG965 + ICH8R	i945G + ICH7	iQ965 + ICH8	i945G + ICH7R	i945G + ICH7	i945G + ICH7	i855GME + ICH4	iQ965 + ICH8	i852GM + ICH4	i852GM + ICH4	i852GM + ICH4	SIS661CX + 964	SIS661CX + 964	i845GV + ICH4	i845GV + ICH4
FSB	533 MHz	1066 MHz	1066 MHz	533 MHz	533 MHz	1066 MHz	1066 MHz	1066 MHz	800 MHz	800 MHz	1066 MHz	400 MHz	1066 MHz	400 MHz	400 MHz	400 MHz	533 MHz	533 MHz	533 MHz	533 MHz
Speicher																				
Belegung	1 x 1 GB	2 x 512 MB	2 x 512 MB	1 x 1 GB	1 x 1 GB	2 x 512 MB	2 x 512 MB	2 x 512 MB	1 x 1GB	2 x 512 MB	2 x 512 MB	1 x 1 GB	1 x 1 GB	1 x 1GB	1 x 1GB	1 x 1GB	1 x 1GB	1 x 1GB	1 x 1GB	1 x 1GB
max.	2 x 1 GB	4 x 1 GB	4 x 1 GB	2 x 1 GB	2 x 1 GB	4 x 2 GB	4 x 1 GB	4 x 2 GB	2 x 1GB	4 x 1 GB	4 x 1 GB	1 x 1 GB	4 x 2 GB	1 x 1 GB	1 x 1 GB	1 x 1 GB	1 x 1 GB	1 x 1 GB	2 x 1 GB	2 x 1 GB
Controller																				
VGA	Intel® EG, 64 MB	Intel® GMA 950, 224 MB	Intel® GMA 950, 224 MB	Intel® EG, 64 MB	Intel® EG, 64 MB	Intel® GMA X3000, 384 MB	Intel® GMA 950, 224 MB	Intel® GMA 3000, 256 MB	Intel® GMA 950, 224 MB	Intel® GMA 950, 224 MB	Intel® GMA 950, 224 MB	Intel® EG, 64 MB	Intel® GMA 3000, 256 MB	Intel® EG, 64 MB	Intel® EG, 64 MB	Intel® EG, 64 MB	SIS661, 64 MB	SIS661, 64 MB	Intel® EG, 64 MB	Intel® EG, 64 MB
LAN	1 x 10/100 Mbps	2 x 10/100/1000 Mbps	1 x 10/100 Mbps	1 x 10/100 Mbps	1 x 10/100 Mbps	1 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	1 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	1 x 10/100 Mbps	2 x 10/100/1000 Mbps	1 x 10/100 Mbps	1 x 10/100/1000 Mbps	1 x 10/100/1000 Mbps	1 x 10/100/1000 Mbps	1 x 10/100/1000 Mbps	1 x 10/100/1000 Mbps	1 x 10/100/1000 Mbps	1 x 10/100 Mbps	1 x 10/100 Mbps
Audio	ICH4	ICH7	ICH7	ICH4	ICH4	7.1	ICH7	7.1	5.1	5.1	ICH7	ICH4	7.1	5.1	5.1	5.1	5.1	5.1	ICH4	ICH4
Firewire	-	-	-	-	-	TI IEEE1394a	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Schnittstellen extern																				
RS-232	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	2 x	1 x	1 x	2 x	2 x	2 x	1 x	1 x	1 x	1 x
RS-232/422/485	1 x	1 x	1 x	1 x	1 x	-	1 x	-	1 x	1 x	-	1 x	-	1 x	1 x	1 x	1 x	1 x	1 x	1 x
parallel	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	-	1 x	1 x	-	-	1 x	1 x	1 x	1 x	1 x
USB	4 x	6 x	6 x	4 x	2 x	6 x	6 x	6 x	4 x	6 x	5 x	2 x	6 x	4 x	4 x	4 x	4 x	4 x	2 x	2 x
VGA	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x (belegt)	1 x (belegt)
DVI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAN	1 x RJ45	2 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	2 x RJ45	1 x RJ45	2 x RJ45	1 x RJ45	2 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45
Audio	Line-in/Line-out/Mic	Line-in/Line-out/Mic	Line-in/Line-out/Mic	Line-in/Line-out/Mic	-	in/out/Mic/Surround	Line-in/Line-out/Mic	in/out/Mic/Surround	-	in/out/Mic/Surround	-	-	in/out/Mic/Surround	Line-in/Line-out/Mic	Line-in/Line-out/Mic	Line-in/Line-out/Mic	Line-in/Line-out/Mic	Line-in/Line-out/Mic	-	-
S/PDIF	-	-	-	-	-	1 x optical	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Firewire	-	-	-	-	-	1 x	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS/2	2 x	2 x	2 x	2 x	1 x (+ Y-Kabel)	2 x	2 x	2 x	2 x	2 x	1 x (+ Y-Kabel)	1 x (+ Y-Kabel)	2 x	1 x (+ Y-Kabel)	1 x (+ Y-Kabel)	1 x (+ Y-Kabel)	1 x (+ Y-Kabel)	1 x (+ Y-Kabel)	1 x (+ Y-Kabel)	1 x (+ Y-Kabel)
Compact Flash Typ I/II	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-	-
SATA-extern	-	-	-	-	-	-	-	1 x	-	-	-	-	1 x	-	-	-	-	-	-	-
Schnittstellen intern (inaktiv)																				
RS-232	2 x	4 x	2 x	2 x	-	-	4 x	-	-	2 x	-	2 x	-	-	-	-	-	-	-	-
USB	-	-	-	-	4 x	2 x	-	4 x	4 x	2 x	2 x	1 x	4 x	-	-	-	-	-	2 x	2 x
Audio	-	-	-	-	✓	-	-	1 x optical	✓	-	-	✓	-	-	-	-	-	-	✓	✓
Firewire	-	-	-	-	-	1 x	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IrDA	1 x	1 x	1 x	1 x	1 x	-	1 x	-	1 x	1 x	-	-	1 x	-	-	-	-	-	1 x	1 x
Digital I/O	4 x	4 x	4 x	4 x	-	-	4 x	-	-	4 x	-	4 x	-	-	-	-	-	-	-	-
Game/Midi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laufwerke																				
Floppy	✓	-	-	✓	✓	-	-	-	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	✓
Festplatte	80 GB	80 GB	80 GB	80 GB	60 GB (24h/7d)	80 GB	80 GB	80 GB	74 GB (24h/7d)	80 GB	80 GB	60 GB (24h/7d)	160 GB (24h/7d)	60 GB (24h/7d)	60 GB (24h/7d)	60 GB (24h/7d)	60 GB (24h/7d)	60 GB (24h/7d)	60 GB (24h/7d)	60 GB (24h/7d)
optisch	DVD	DVD	DVD	DVD	DVD	DVD	DVD	DVD	DVD	DVD	DVD	-	DVD	-	-	-	-	-	DVD	DVD
Hardware-Überwachung	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	✓	✓
Watchdog	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
geeignete Betriebsysteme																				
DOS	✓	-	-	✓	✓	-	-	-	-	-	-	✓	-	-	-	-	-	-	✓	✓
Win98	✓	-	-	✓	✓	-	-	-	-	-	-	✓	-	-	-	-	-	-	✓	✓
WinNT	✓	-	-	✓	✓	-	-	-	-	-	-	✓	-	-	-	-	-	-	✓	✓
Win2000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WinXP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Vista	-	✓	✓	-	-	✓	✓	✓	✓	✓	✓	-	✓	-	-	-	-	-	-	-
Linux	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	✓	✓

* Preis Netto; zzgl. MWST., Versand

Irrtum, technische Änderungen, Änderungen der Ausstattung und Modelle vorbehalten