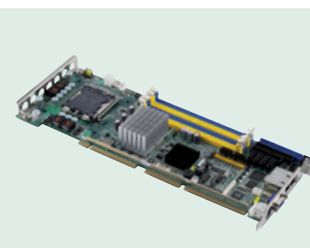
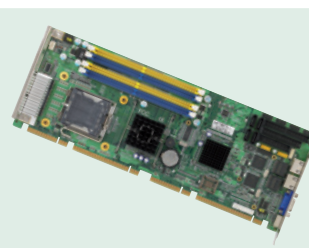
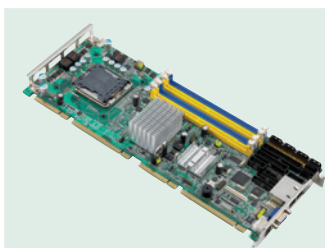
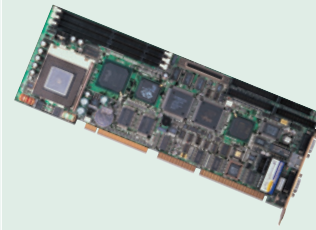
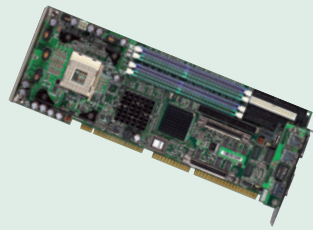
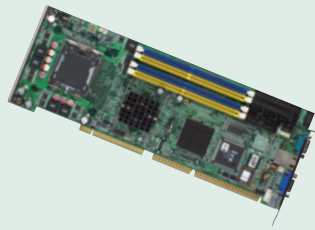
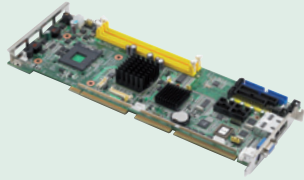


► PCI/ISA FULL SIZE SINGLE BOARD COMPUTER

- Langzeitverfügbarkeit für Ersatzteile
- Vielfältiges CPU-Angebot
- Integrierte Grafik-Chipsätze
- bis zu 8GB Speicher on Board
- bis zu 12 USB-Schnittstellen



Model Name		PCE-5124	PCE-5120-A2	PCA-6194
Processor System	CPU	Intel Core 2 Quad/ Core 2 Duo/ Pentium Dual-Core/ Celeron 400 LGA775 Processors	Intel Core 2 Duo/ Pentium Dual-Core/ Celeron 400 LGA775 Processors	Intel Core 2 Duo/ Pentium Dual-Core/ Celeron 400 Sequence/ Pentium D/ Pentium 4/ Celeron D
	Max. Speed	2.83 GHz/3.16 GHz/2.40 GHz/ 2 GHz	2.66 GHz/ 2 GHz/ 2 GHz	2.66/ 2.0/ 2.0/ 3.6/ 3.8/ 3.33 GHz
	Max. L2 Cache	12 MB/6 MB/1 MB/512 KB	4 MB/ 1MB / 512KB	4MB/ 1 MB /512 KB/ 2 MB+2 MB/ 2 MB/ 512 KB
	Chipset	Intel Q35 + ICH9DO	Intel 945G + ICH7R	Intel Q965 + ICH8DO
	BIOS	AMI 16Mb SPI Flash	Award 4 Mb FWH	Award 16 Mbit SPI Flash
Bus	FSB	1333/ 1066/ 800/ 533 MHz	1066/ 800/ 533 MHz	1066/ 800/ 533 MHz
	PCI	One x16 & four x1	One x16 & four x1	32-bit/ 33 MHz PCI
	ISA	32 bit/33 MHz PCI	32 bit/33 MHz PCI	HISA (ISA High Drive)
Graphics	Controller	Chipset integrated Intel Graphics Media Accelerator 3100	Chipset integrated Intel Graphics Media Accelerator 950	Chipset integrated, up to 2048x1536 @ 75Hz refresh
	VRAM	Shared with 256 MB system memory	Shared with 224 MB system memory	Shared with system memory up to 256MB
	LCD	-	-	1 x Video output, 15 pin CRT connector (Optional DVI connector)
Ethernet	Interface	10/100/1000Base-T	10/100/1000Base-T	10/100/1000Base-T
	Controller	Intel 82566DM/82573V	Intel 82573V x 2	LAN1: Intel 82566DM LAN2: Intel 82573V
	Connector	RJ-45 x 2	RJ-45 x 2	RJ45 x 2
	Disable from BIOS	Yes	Yes	Yes
Memory	Technology	Dual-channel DDR2 667/800MHz DIMMs	Dual-channel DDR2 533/667 MHz DIMMs	Dual-channel DDRII 800/667/533 MHz DIMMs
	Max. Capacity	8 GB	4 GB	8 GB
	Socket	240-pin DIMM x 4	240-pin DIMM x 4	240-pin DIMM x 4
SATA	Max. Data Transfer Rate	300 MB/Sec. (SATA 2)	300 MB/Sec. (SATA 2)	300 MB/s
	Channel	6	4	6
	RAID	0, 1, 5, 10	0, 1, 5, 10	-
EIDE	Mode	-	ATA 100/66/33	ATA 100/66/33
	Channel	-	1 (Max. two devices)	1 (Max. two devices)
I/O Interface	USB	Max. 12 (USB 2.0 compliant) 8 on SHB by Pin Header, 4 to Backplane	Max. 8 (USB 2.0 compliant) 4 on SHB by Pin Header, 4 to Backplane	6 (USB2.0)
	Serial	6 (1 RS-485 and 5 RS-232) with Pin Header	4 (1 RS-485 and 3 RS-232) with Pin Header	2 (RS-232)
	Parallel	1 (SPP/EPP/ECP)	1 (SPP/EPP/ECP)	1 (EPP/ ECP)
	FDD	1	1	1
	PS/2	1	1	1
	LAN	1 (for VG version) 2 (for F and G2 versions)	1 (for VG version) 2 (for G2 version)	1 (for VG version) 2 (for G2 version)
	OBS (Hardware Monitor)	Yes	Yes	Yes
Watchdog Timer	Output	System reset	System reset	Interrupt, system reset
	Interval	Programmable, 1~255 sec/min	Programmable, 1~255 sec/min	Programmable 1~255 sec.
Misc.	Audio (requires PCA-AUDIO-00A1E)	PCA-AUDIO-HDA1E	PCA-AUDIO-00A1E	Yes (Interface to Hi-definition audio codec module PCA-AUDIO-HDA1E)
	Advantech SNMP-1000-B	Yes	Yes	Yes
	Solid State Disk	Optional	Optional	IDE flash Disk



PCA-6008	PCA-6190	PCA-6187	PCA-6186-B
Intel Pentium M / Celeron M (G2 version only) On board Celeron M (VG version only)	Intel Pentium 4/Celeron D LGA775	Intel Pentium 4/Celeron D/Celeron Socket 478	Intel Pentium 4/Celeron D/ Celeron Socket 478
2.26/ 1.7 GHz (G2 version only) 600 MHz (VG version only)	3.8/3.06 GHz	3.4/3.06/2.8 GHz	3.06/3.06/2.8 GHz
512 KB, 1 MB, 2 MB	1 MB, 2 MB/256 KB	256 KB, 512 KB, 1 MB/ 256 KB /128, 256 KB	256, 512 KB/256 KB/128 KB
Intel 915GME+ ICH6M (G2 version only) Intel 910GME+ ICH6M (VG version only)	Intel 915GV + ICH6	Intel 865G + ICH5	Intel 845GV + ICH4
Award 4 Mbit FWH	Award 8 Mbit FWH	Award 4 Mbit FWH	Award 4 Mbit FWH
533/ 400 MHz	533/800 MHz	400/533/800 MHz	400/533 MHz
32-bit/33 MHz PCI	PCI 32-bit/33 MHz; 2 PCIe x1 for LAN chip	32-bit/33 MHz	32-bit/33 MHz
HISA (ISA High Driver)	HISA (ISA high drive)	HISA (ISA high drive)	HISA (ISA high drive)
Chipset integrated VGA controller	Chipset integrated	Chipset integrated	Chipset integrated
Shared with system memory up to 128 MB	Shared system memory up to 128 MB	Shared system memory up to 64 MB	Shared system memory 8 ~ 64 MB
LVDS/ DVI (G2 version only)	DVI	-	-
10/100/1000Base-T	10/100/1000Base-T	10/100Base-T or 10/100/1000Base-T	10/100Base-T or 10/100/1000Base-T
LAN1: RTL8111B LAN2: RTL8111B	Broadcom BCM5721 x 2	Intel 82547/82541, Intel 82562 (FE)	Intel 82562/82551, Intel 82541 (GbE)
RJ45 x 2	RJ-45 x 2	RJ-45 x 2	RJ-45 x 2
Yes	Yes	Yes	Yes for FE LAN NO for GbE
Dual-channel DDRII 533/ 400 MHz DIMMs	Dual channel DDR2 400/533	Dual channel DDR 266/333/400 SDRAM	DDR 200/266/333
2 GB	4 GB	4 GB	2 GB
240-pin DIMM x 2	240-pin x 4	184-pin DIMM x 4	184-pin DIMM x 2
150 MB/s	150 MB/s	150 MB/s	-
2	4	2	-
-	-	-	-
ATA 100/66/33	ATA 100/66/33	ATA 100/66/33	ATA 100/66/33
1 (Max. two devices)	1 (Max. two devices)	2 (Max. four devices)	2 (Max. four devices)
8 (USB 2.0, for G2 version) 4 (USB 2.0, for VG version)	8 (USB 2.0)	6 (USB 2.0 compliant)	6 (USB 2.0 compliant)
G2 version: 5 (RS-232) / 1 (RS-232/RS-422/RS-485), VG version: 2 (RS-232)	2 (RS-232)	2 (RS-232)	2 (RS-232)
1 (EPP/ECP/SPP)	1 (SPP/EPP/ECP)	1 (SPP/EPP/ECP)	1 (SPP/EPP/ECP)
1	1	1	1
1	1	1	1 (for LV, VE, VG versions) 2 (for E2 versions)
1 (for VG version) 2 (for G2 version)	1 (for VG version) 2 (for G2 version)	1 (for VE, VG versions) 2 (for G2, versions)	1 (for VE, VG versions) 2 (for E2, G2 versions)
Yes	Yes	Yes	Yes
Interrupt, system reset	Interrupt, system reset	Interrupt, system reset	Interrupt, system reset
Programmable, 1~255 sec.	Programmable, 1~255 sec.	Programmable, 1~255 sec/min	Programmable, 1 ~ 255 sec/min
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
IDE flash Disk (CompactFlash socket is optional)	IDE Flash Disk	IDE Flash Disk	IDE Flash Disk