

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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PMC Modules



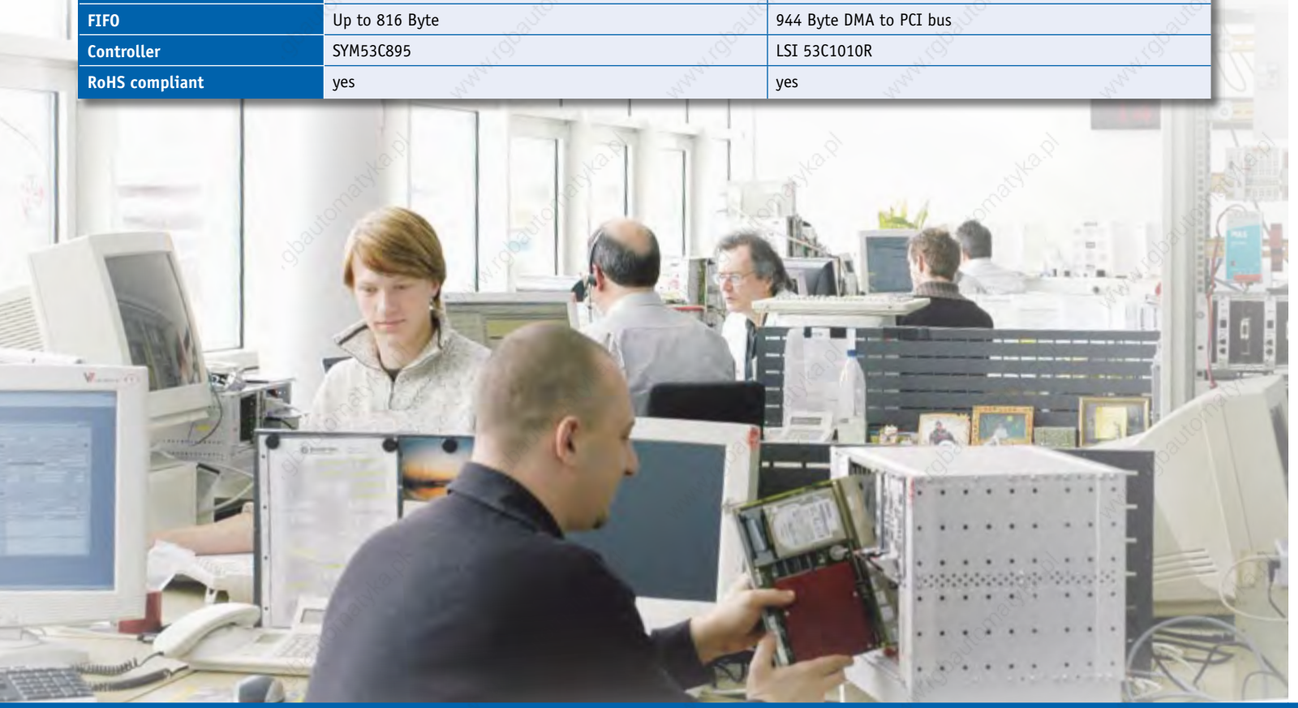

PMC Mezzanines

Features	PMC240 (Dual Gigabit Ethernet)	PMC253 (Profibus)
	Dual Gigabit Ethernet	Profibus
Frontpanel	2x RJ45: 2x copper, 2x SC-Type connector: 2x fiber, 1x RJ45 and 1x SC-Type connector for mixture	9 pin D-Sub for fieldbus connection
Function	1 or 2 independent Gigabit, Ethernet channels	Profi bus DP V1 Master/Slave
Data Rate	Copper: 10Base-T, 100Base-Tx, 1000Base-T, Fiber: 1000Base-SX	up to 12 MBit/sec.
Signals	Copper or fiber, or mixture copper and fiber	RS485
FIFO	2x 64 KByte (configurable)	-
Controller	Intel® 82546EB or Intel® 82545EM	EC-1 System on Chip
RoHS compliant	yes	yes




PMC Mezzanines

Features	PMC260	PMC261
	SCSI	SCSI
Frontpanel	68 pin high density connector	68 pin ultra high density connector
Function	Wide Ultra 2 SCSI	Dual Channel Ultra160 or Ultra320 SCSI
Data Rate	80 MByte/sec.	160 or 320 MByte/sec.
FIFO	Up to 816 Byte	944 Byte DMA to PCI bus
Controller	SYM53C895	LSI 53C1010R
RoHS compliant	yes	yes



CPCI Value Line

TFT Monitors see» p. 76 f
PMC Mezzanines see» p. 46 f
Long Distance Monitors see» p. 77 f

The Value Line systems from Kontron offer the comfort and features of the CompactPCI systems for the price of normal PCI computers. Our customers receive CPCI systems, which protect their investment and minimize their costs.

Furthermore, the systems' modularity makes it possible to tailor processor performance and I/O design to suit the particular customer.



3U/6U Processor Boards

Features	CP307-V	CP306-V	CP303-V	CP6000-V	CP6500-V
CPU	Intel® Core™ Solo Processor 1.86 GHz	Intel® Celeron® M 1.3 GHz	Intel® LV Celeron® microBGA 400 MHz	Intel® Celeron® 600 MHz	LV Celeron® microBGA 400 MHz
Front Side Bus	533 MHz	400 MHz	133 MHz	400 MHz	133 MHz
CPU L2 Cache	1 MByte	512 kByte	256 kByte	0 kByte	256 kByte
Chipset	Intel® 945GM and ICH7-R	Intel® 855GME and ICH4	Intel® 82815GMCH and 82801 ICH2	Intel® 855GME and 6300ESB I/O Controller Hub	Intel® 82815 GMCH and 82801 ICH4
DRAM	Up to 2 GByte SO-DIMM DDR2	Up to 1 GByte SO-DIMM DDR	up to 512 MByte SO-DIMM	Up to 1 GByte SO-DIMM DDR	up to 512 KByte SO-DIMM
DRAM speed	533 MHz	333 MHz	133 MHz	333 MHz	133 MHz
CompactFlash	Onboard	Front panel	Onboard	Onboard	Onboard
4HP Version	1x Ethernet, CRT, 2x USB 2.0, LEDs	1x Ethernet, CRT/DVI, PS/2, 1x USB 2.0, LEDS	1x Ethernet, 2x USB, LEDs, CRT or COM1	2x Ethernet, 1x USB, LEDs, CRT, COM1, PMC	VGA (CRT), 2x Ethernet, 2x USB, LEDs, Reset, PMC, COM1
8HP Version	DVI, COM1, 2x USB 2.0, PS/2, Reset, HDD Activity LED	COM1, CompactFlash access	COM 1/2, PS/2, Reset.	DVD/HDD-Carrier	on request
Ethernet	1x 1000Base-Tx	1x 100Base-Tx	1x 10/100Base-Tx	2x 10/100/1000Base-Tx, Front or PICMG 2.16	2x 10/100 Base-Tx, PICMG 2.16
Graphics	945GM internal	855GME internal	i82815 internal	855GME internal	i82815 internal
PMC	none	none	none	1x 64 Bit/ 66 MHz	1x 32 Bit/33 MHz
Rear I/O	Optional	Optional	Optional	✓	✓
Power Consumption (typ.)	25 Watt / 1.86 GHz	20 Watt / 1.3 GHz	8 Watt / 400 MHz	12 Watt / 600 MHz	10 Watt / 400 MHz
RoHS compliant	yes	yes	yes	yes	yes

CP POCKET Control see» p. 90





3U/6U Systems

Features	CP-Pocket	XL3000	XL-POCKET
Depth	210 mm	250 mm	210 mm
19" Rack Mounting	Wall mount	Cabinet or Wall Mount	Wall mount
Backplanes	4 slot	4 slot cPCI / 4 slot PCI	4 slot
Rear I/O	-	-	-
Drives	Only CPU onboard	DVD / HDD	HDD / FDD optional
Characteristics	Integrated CP306-V or CP303-V	Integrated CP306-V	Integrated CP6500-V
Power Supply	75 Watt AC or DC	ATX 250 Watt	75 Watt AC or DC
Cooling	✓	✓	optional
Housing	28 HP / 4U	84 HP / 4U	28 HP / 7U
RoHS compliant	yes	yes	yes

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