ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Kontron ITC320-SA52-00000* at our website: ***Click HERE***

Rugged – Reliable – Robust

Kontron is constantly evolving its line of reliable and powerful rugged CompactPCI boards to ensure our customers can develop leading edge applications that work under extreme temperatures and high levels of physical stress. From communication systems on the ground to in-flight systems, the highest requirements must be met without compromise. Examples of other applications include, defense flight combat simulators, on-board vehicle systems, shelter applications and in-flight entertainment. Kontron's rugged, forced air- or conduction-cooled, processor boards and switches are a perfect combination for applications that demand the highest levels of performance and ruggedization.

3U Rugged Processor Boards



CP3002-RA/RC



ITC-320



CP3210

	CP3002-RA/RC	ITC-320	CP3210
CPU	Intel® Core™ i7 2.0 GHz	Intel® Core™2 Duo 1.5GHz, Core Duo 1.2GHz, Celeron 1.07GHz Processor	PowerPC 750FX @733 MHz
Front Side Bus	-	Up to 667MHz	133MHz
CPU L2 Cache	4 MBytes L3	2 / 4 MBytes	512 KB
Chipset	Intel® QM57	Intel® 3100	Discovery III Host Bridge
DRAM	Up to 8 GB DDR3 with ECC, 1066 MHz, soldered	1 or 2 GB with ECC soldered, 400 MHz	512 MB of DDR SDRAM with ECC, 266 MHz
Flash Disk	SATA NAND Flash, up to 32GB	USB 2.0 Flash Disk socket & USB Flash Disk module	256 MB of User Flash & 128 MB of System Flash
4HP Version	CP3002-RA: Monitoring LED's	VGA 1600x1200 16M colors (Optional in RC build)	No front I/O available
8HP Version	n/a	COM1-2, 2x USB 2.0, PS/2, HDD Carrier	n/a
USB	2x USB2.0	2x USB2.0	-
Ethernet	4x Gigabit Ethernet	2x Gigabit front or rear	1x Gigabit, 1x 100Base-Tx
Graphics	Integrated in processor	VGA 1600x1200 16M colors	-
PMC	-	Rugged PMC carrier CPMC1 supported	1x slot PMC: 32-bit 33/66 MHz
Rear I/O	2x USB 2.0, 4x GigEthernet, 2x SATA, 2x COM, GPIO, VGA/CRT	2x USB 2.0, 2x GigEthernet, 3x SATA, 2x COM, PCIe 4x1, GPIO	46 I/Os PMC, Gbe Ethernet, Ethernet 10/100, asynchronous EIA-232, simplified synchronous EIA-422/485, 4x GPIO, JTAG
Characteristics	Highest Performance, Low Power, Rugged Conduction-Cooled, Rugged Air-Cooled	High Performance, Low Power, Expandable I/Os; Rugged Conduction-Cooled	System or Peripheral slot, Low-power, Rugged Conduction-Cooled
Power Consumption (typ.)	31W @ 2.0GHz	24W @ Celeron 1.07GHz	11W
Operating Temperature	-40°C to +85°C RC without TPM; -40°C to +75°C RA without TPM; -25°C to +70°C RC/RA with TPM	0°C to +55°C; E2 (-40°C to +85°C); E1 (-40°C to +75°C)	E2 (-40°C to +85°C)

CP-ASM4-TT Evaluation System

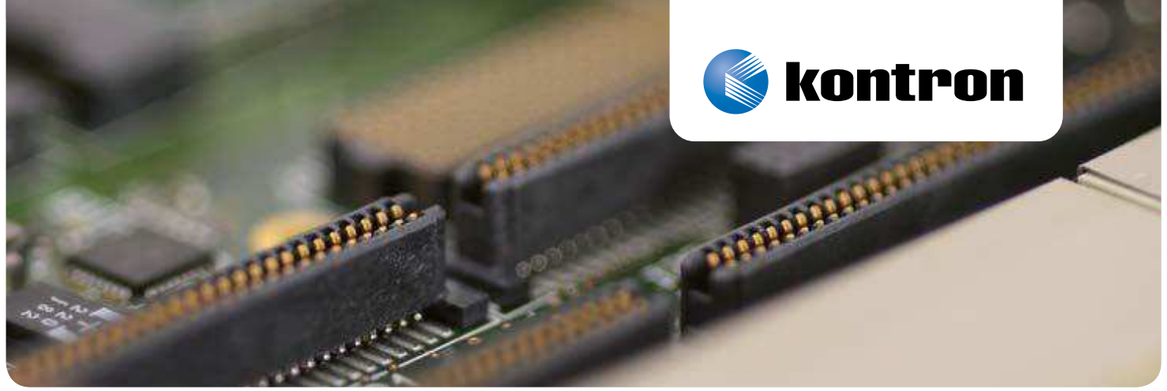
Rugged MAG designs follow a fast life cycle, matching as closely as possible every silicon innovation. To guarantee an easy and trouble-free project start and allow simple evaluation and software evelopment an dedicated evaluation system is available. The CP3002-RA and the appropriate rear transition module (CP-RIO3-05) can be installed into the system.

CP-ASM4-TT

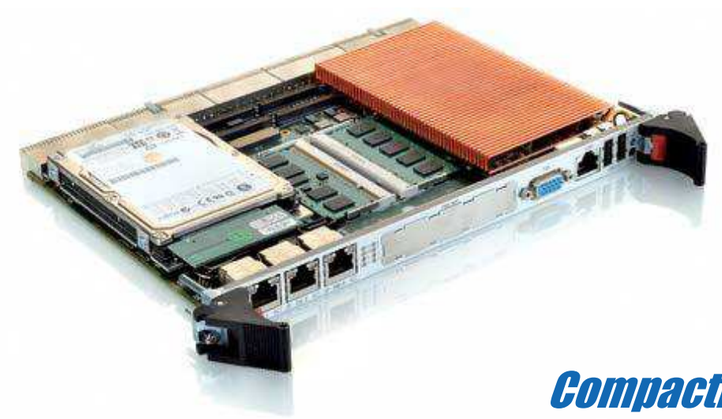


CP3002-RA





» 6U CompactPCI Standard & Rugged Boards «



CompactPCI® PICMG®

The Requirements are Obvious

The way that systems are designed for OEM applications is influenced by:
» Commercial-off-the-shelf software availability
» The need for a fast Time-To-Market and low TCO
» The availability of experienced engineers
» An abundance of third-party hardware and software products
» The demand for open systems

Today's demands on industrial PC technology are far more than standard motherboards can full fill because their designs are optimized for production cost, but not for longevity and they lack solutions for intelligent cabling, EMI shielding or optimized cooling.

CompactPCI is the Answer

Industrial PCs traditionally focus on improved mechanics to overcome the limitations posed by the standard PC set-up. This changed dramatically with the invention of CompactPCI, the fully industrialized version of desktop PC technology. In the past, price played a decisive role when deciding to invest in a PC-based system. Today, price still plays a very important role but experience shows us that the ultimate deciding factors are the availability of off-the-shelf standard software and the low Mean-Time to Repair (MTTR) connected with CompactPCI based technology.

CompactPCI provides solutions for high density integrated systems, excellent EMI shielding, optimized cooling and reliable, serviceable, robust and high availability systems. Kontron integrates all these characteristics into a wide range of CompactPCI products with advantageous features:

» Latest high performance, low power processor technology
» Robust and fully modular international standard
» Scaleable platforms for air and conduction cooled environments
» Hot swap and management support with highly reliable connectors
» Rear I/O support option to allow fast replacements and upgrades

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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