

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.

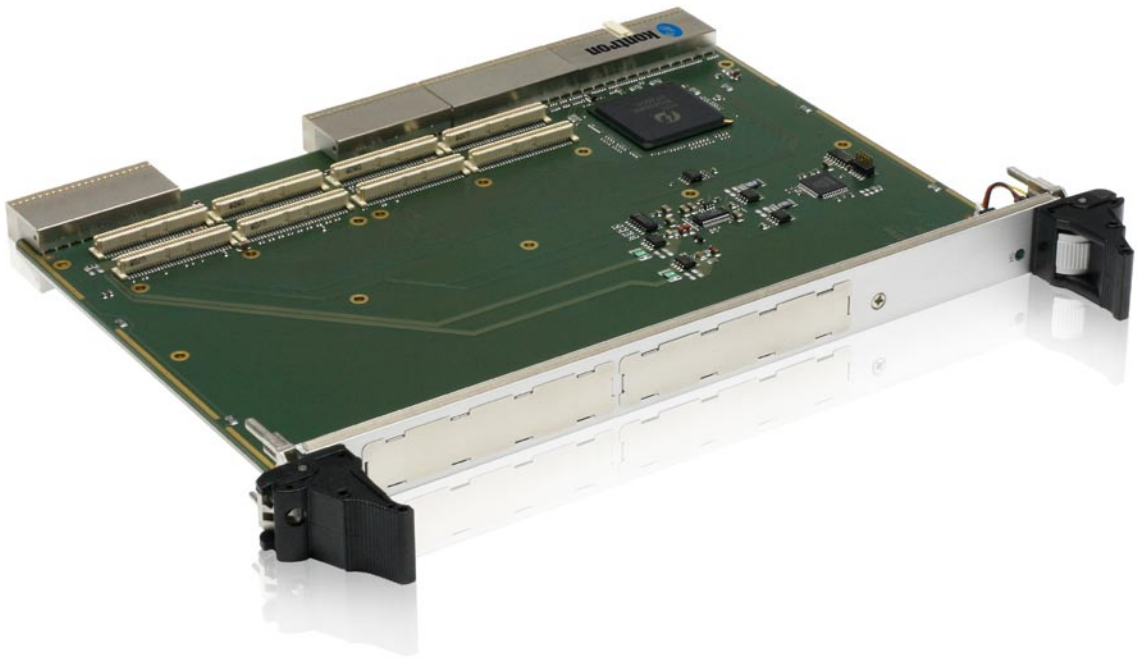
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

» CP690HS «



6U Hot Swap CompactPCI Carrier Board for 2 PMC Modules

» Interface flexibility through a wide range of analog, digital, communication and counter PMC modules.

» 66 or 33 MHz on PCI and/or PMC

» 64 bit bus master interface

» 64 bit PMC interface

» Rear I/O on Pn4

» INT A, B, C, D support

CP690HS
6U Hot Swap CompactPCI Carrier Board for 2 PMC Modules

The CP690HS was created to provide system designers with a host for mounting the wide range of PMC modules available on the open market.

The CP690HS, which carries two PMC modules, has been designed to enable the user to take full advantage of the cost-effective solutions afforded by industrial PMC modules. Use of the 6U CP690HS provides the opportunity to utilize any two PMC modules simultaneously. This feature maximizes flexibility and versatility, enabling the operator to tailor the CP690HS to meet precisely his specific input/ output requirement.
Kontron's CP690HS is completely softwaretransparent and therefore no driver is required to manage data transfer between the PMC module and the CPCI bus.

For Hot-Swapping the CP690HS a software driver is required for supporting the Hot-Swap relevant part of the board.

On this 6U carrier board you have the possibility to enable Rear I/O on the Pn4 connector of the PMC module. The upper PMC module is connected to J5 of the CPCI bus and the lower PMC module is connected to J3 of the CPCI bus.

Technical Information

CompactPCI Interface	64 and 32 bit/ 66 and 33 MHz, Compact PCI specification v.2.1 compatible with busmaster DMA, interrupt level INT A, B, C, D support, 3.3 V/5.0 V operation and full Plug&Play compatibility. Rear I/O on P3 (lower PMC) and P5 (upper PMC)
PMC Carrier Interface	Compatible with P1386 specification v. 2.0, 64 and 32-bit / 66 MHz 3.3 V / 33 MHz 3.3V, configurable to 5V Interrupt level INT A, B, C, D routed directly to Compact PCI Rear I/O on Pn4
Characteristics	Pericom 7C8154 with Hot Swap circuitry. Blue Led indication and microswitch for safe board removal Hardware-controlled power ramp up Local reset generation Signal precharge
Software Support	Depends on PMC module.
Common	Front-Panel: 2 cutouts for PMC module Power Consumption: 0.2 Watt without a PMC module Dimensions: 6 U/4 HP (233 x 160 mm) Temp. Ranges: 0 °C to + 60 °C (standard) -25 °C to +75 °C (extended) -55 °C to +85 °C (storage) Operating Humidity: 0% to 95% (non-condensing) Weight: 280 g MTBF: 416.000 h

Ordering Information

Article	Part.-No.	Description
CP690HS-33	1028-5571	64 bit, 33 MHz, 5.0 VI/O, 6U dual PMC carrier board with Rear I/O on J3/J5
CP690HS-66	1028-5572	64 bit, 66 MHz, 3.3 VI/O, 6U dual PMC carrier board with Rear I/O on J3/J5
KIT-CP690	21898	User`s manual documentation in PDF format on 3.5" floppy disk
VXW-DRV-HS	22841	VxWorks driver for Hot Swap
LIN-DRV-HS	23450	Linux driver for Hot Swap

CORPORATE OFFICES

Europe, Middle East & Africa
Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 279
info@kontron.com

North America
14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific
17 Building,Block #1,ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: + 86 10 63751188
Fax: + 86 10 83682438
info@kontron.cn

#CP690# 04082009PDL
All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccurancies. All brand or product names are trademarks or registered trademarks of their respective owners.

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP