

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.

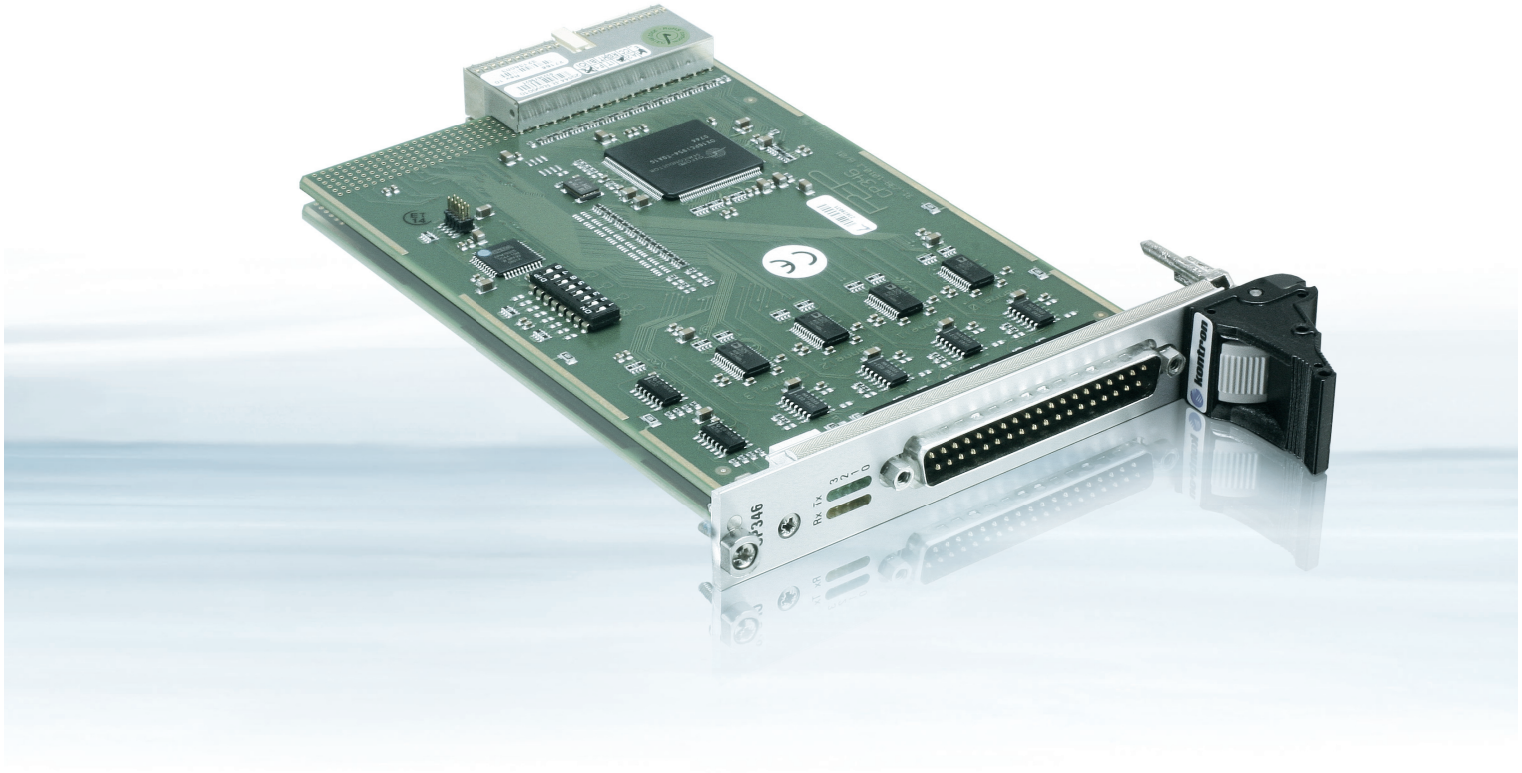
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

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*

CP346



3U QUAD UART 16550 SERIAL CONTROLLER

- act fast
- improve communication
- live effectively

POSSIBILITIES START HERE kontron

Serial channels in an application are required very often to transfer data, get a COM port, control industrial devices such as test and measurement units or function generators or even to connect a modem or a mouse to the system. The CP346 provides the latest technology to achieve these classic tasks, but still remains very cost effective.

Act Fast

Being fully UART 16550 compatible, a stable and reasonable solution is realized. As this is a widely used technology, most operating systems such as Windows®, Linux®, or VxWorks® have drivers available.

Improve Communication

Serial data communication usually means a combination of tasks and devices employed in a system. Therefore all modes, i.e. RS232, RS422 and RS485 in full duplex and half duplex are needed. The CP346 offers four independent channels. Each channel is individually configurable for all modes via mini dip switches. To work in the widest range of markets, the CP346 is also available as a galvanic isolated version.

Live Effectively

Whenever serial communication is required in an application, the CP346 ensures a very cost effective solution.

TECHNICAL INFORMATION

CHARACTERISTICS	CONTROLLER FUNCTIONS SIGNALS SERIAL I/O DATA INTERFACE SWITCH INPUTS SERIAL BAUD RATES ISOLATION FRONTPANEL	High Performance Quad UART OX16PCI954 4 independent serial channels: RS232, RS422, RS485 individually configurable RS232: TxD, RxD, RTS, CTS, DTR, DSR, CD, RI, GND; RS422/485 full duplex: TxD (A,B), RXD (A,B), GND; RS422/485 half duplex: TRXD (A,B), GND 16550 compatible UART's; up to 128 Byte transmit and receive FIFO's Per channel configurable: Serial Mode (RS232 or RS422/485); Full or Half Duplex in RS422/485 mode RS232: up to 115kbps; S422/485: up to 115kbps 2 kV between I/O and system (Galvanically isolated version) 37Pin DSUB connector; Adapter cable 37Pin DSUB to 4x9Pin DSUB available
COMPACTPCI INTERFACE		32-bit/33 MHz, CompactPCI Core Specification PICMG 2.0 Rev 3.0 compatible; Interrupt level INTA support, 5V operation and full Plug&Play compatibility on J2 PICMG 2.0
SOFTWARE SUPPORT COMMON	PCI BUS DIMENSIONS TEMPERATURE RANGES CLIMATIC HUMIDITY WEIGHT MTBF	Windows® XP, Windows® 7, Linux®, VxWorks® 5V only (key coding) 100 x 160 mm (3U card size) 0°C to +70°C (standard); -40° C to +85°C (extended); -55°C to +125°C (storage) Non-condensing 93% at 40°C (acc. to IEC 60068-2-78) 170g 643,182 h acc. MIL-HDBK-217

ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
CP346	27168	Quad UART 16550 serial CompactPCI Controller for RS232, RS422, RS485
CP346-E2	27171	Quad UART 16550 serial CompactPCI Controller for RS232, RS422, RS485, extend. temp. range E2: -40°C to +85°C
CP346-OPT	27169	Quad UART 16550 serial CompactPCI Controller for RS232, RS422, RS485, galvanically isolated
CP346-OPT-E2	27172	Quad UART 16550 serial CompactPCI Controller for RS232, RS422, RS485, galvanically isolated, E2
CP-ADAP-CP346	27248	Adapter Serial Port, DSUB37 to 4x DSUB9 for CP346
KIT-CP346	27564	Windows® Driver Package, CP346 User's Manual
VXW-DRV-CP346-V6.7	27565	VxWorks 6.7 Driver Package, CP346 User's Manual
VXW-DRV-CP346-V6.8	1043-8947	VxWorks 6.8 Driver Package, CP346 User's Manual

CORPORATE OFFICES

EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
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

1~2F, 10 Building, No. 8 Liangshuihe 2nd Street,
Economical & Technological Development Zone,
Beijing, 100176, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn

Copyright © 2015 Kontron AG. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. Kontron and the Kontron logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized. Specifications are subject to change without notice. CP346-20150716 - WMH

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