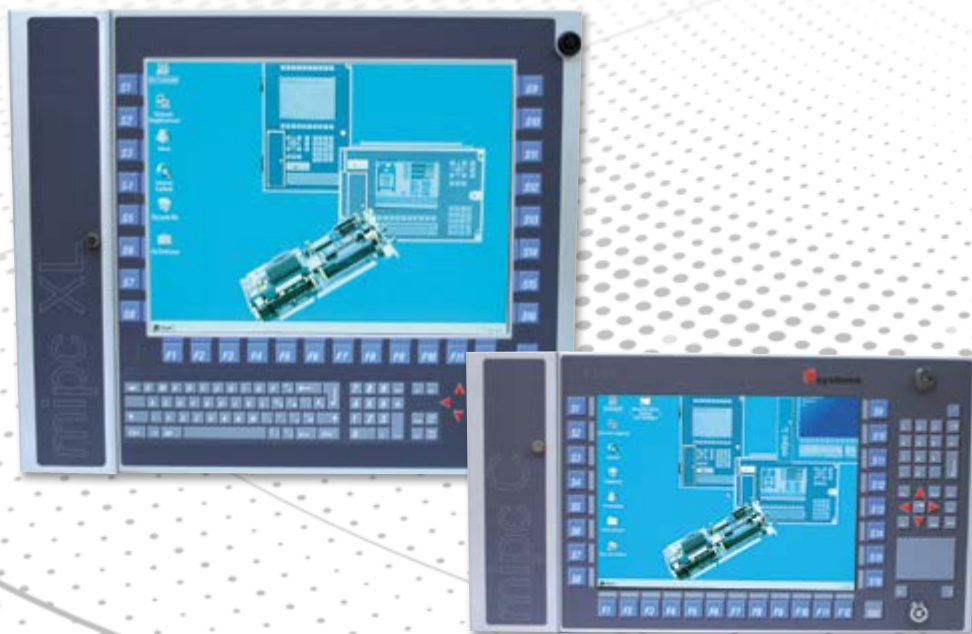
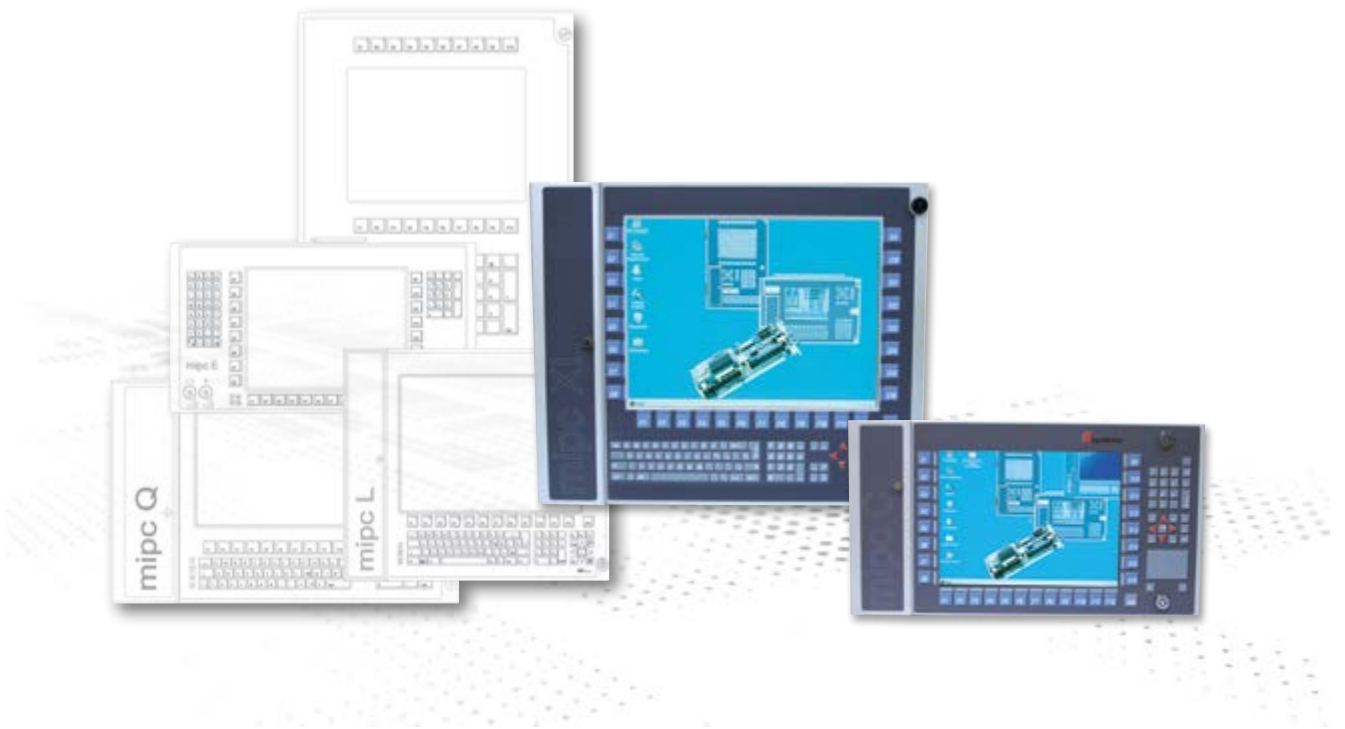


Industrial PC

for use in rugged environment



MIPC



MIPC – Modularer Industrie PC

Double housing, storage and generously spaced dimensions for slots makes the MIPC series the base of controller intelligence of your plant or machine. Further, it is vibration and shock resistant because the spring bedded chassis on the inside is mechanically separated from the mounting frame. Due to a front lid of the MIPC - XL, L, C, Q and H there is an easy access to interfaces and drives.

MCC – Modular Computer Chassis

The modular computer chassis offers the perfect solution if the PC and the control panel need to be spatially separated. There is a choice between a mother board or a slot CPU with passive backplane. In addition, any current processor¹⁾ is available with space offered for common drives. The MCC series can also be used as a server. A RAID system can be integrated for data security.

There are 3 different types of housing for the MCC

1. **MCC Rack 19"** for a standard slide-in unit 19".
2. **MCC Rack INOX 19"** with stainless steel housing. Stainless steel is resistant to aggressive environmental conditions.
3. **MCC Wall** is flexible with regards to mounting and is not dependant on a 19" slide-in unit.

MIPC

Hardware	MIPC-XL	MIPC-L	MIPC-E
			
Display _ Resolution	(15") 1024 × 786 px	(15") 1024 × 786 px	(12") 800 × 600 px
CPU Processor ¹⁾	Intel® Celeron® M 600 MHz up to Intel® Pentium® M 2,0 GHz	Intel® Celeron® M 600 MHz up to Intel® Core™ 2 Duo M 2,2 GHz	
RAM	up to 2 GB		
Interfaces	PC Standard; USB; LAN; Feldbus-Master ²⁾		
Max. Slots ISA/PISA/PCI ³⁾	14 slots		10 slots
Power supply Basics	120 / 240 VAC; 24 VDC; 150 VA		120 / 240 VAC; 24 VDC; 200 VA
Possible drives	Disk drive, CD/DVD-ROM, CD/DVD-RW, Hard drive, CF-Card		
Keyboard / Function keys	QWERTZ / F1-F12, S1-S16	QWERTZ / F1-F10, S1-S10	ABCD / F1-F12, S1-S16
Pointing device	Finger mouse, Touch Screen	-	Finger mouse
Software _ Pre-installed operating systems ⁴⁾	possible		
Environmental Conditions			
_ EMC	EN 50081-2; EN 55011; EN 50082-2; EN 61000-4-2; EN 61000-4-3; EN 61000-4-4; EN 61000-4-5		
_ Shock resistance	Shock (IEC 68-2-27): 20G 6ms; Vibration sine-shaped (IEC 68-2-6) 50-2000Hz 5G		
_ Operating temperature	0 ... +50°C		

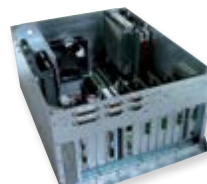
¹⁾For different requirements contact our distribution office. ²⁾On request. ³⁾The slots can be combined in different ways. ⁴⁾Windows; Linux; DOS - on request.

MIPC

Hardware	MIPC-C	MIPC-Q	MIPC-H
			
Display _ Resolution	(12") 800 × 600 px	(10") 800 × 600 px, 640 × 480 px	(10") 800 × 600 px, 640 × 480 px
CPU Processor ¹⁾	Intel® Celeron® M 600 MHz up to Intel® Core™ 2 Duo M 2,2 GHz		
RAM	up to 2 GB		
Interfaces	PC Standard; USB; LAN; Feldbus-Master ²⁾		
Max. Slots ISA/PISA/PCI ³⁾	10 slots	6 slots	10 slots
Power supply Basics	120 / 240 VAC; 150 VA	120 / 240 VAC; 24 VDC; 200 VA	120 / 240 VAC; 24 VDC; 150 VA
Possible drives	Disk drive, CD/DVD-ROM, CD/ DVD-RW, Hard drive, CF-Card	Disk drive, Hard drive	
Keyboard / Function keys	Telefon-Keyboard/ F1 – F12, S1 – S16	QWERTZ / F1 – F10	QWERTZ / F1-F10, S1-S10
Pointing device	Finger mouse, Touch Screen	Finger mouse	-
Software _ Pre-installed operating systems ⁴⁾	possible		
Environmental Conditions			
_ EMC	EN 50081-2; EN 55011; EN 50082-2; EN 61000-4-2; EN 61000-4-3; EN 61000-4-4; EN 61000-4-5		
_ Shock resistance	Shock (IEC 68-2-27): 20G 6ms; Vibration sine-shaped (IEC 68-2-6) 50-2000Hz 5G		
_ Operating temperature	0 ... +50°C		
Mechanics			
External dimensions	482,6 × 266 mm	483 × 310,3 mm	334 × 504 mm
Weight	16 kg		
Framing	443 × 262 mm	450 × 277 mm	315,5 × 475 mm

¹⁾For different requirements contact our distribution office. ²⁾On request. ³⁾The slots can be combined in different ways. ⁴⁾Windows; Linux; DOS - on request.

MCC

Hardware	MCC RACK 19	MCC RACK INOX 19	MCC Wand
			
CPU Processor ¹⁾	Intel® Celeron® M 600 MHz up to Intel® Core™ 2 Duo M 2,2 GHz		
RAM	up to 2 GB		
Interfaces			
_ back	COM, LPT, PS/2 (Tastatur/Maus), 10/100 Base T, VGA Feldbus-Master ²⁾	COM, LPT, PS/2 (Tastatur/Maus), 10/100 Base T, VGA, USB, Feldbus-Master ²⁾	
_ front	PS/2 (Tastatur/Maus), 2x USB	-	
Max. Slots ISA/PISA/PCI3)	14 slots		
Power supply Basics	90 - 240 VAC, opt. 24 VDC 120 VA		
UPS	Akkupack		
Mögliche Laufwerke	Disk drive, CD/DVD-ROM, CD/DVD-RW, Hard drive, CF-Card, RAID1-System		Disk drive, CD/DVD-ROM, CD/DVD-RW, Hard drive, CF-Card
Software _ Pre-installed operating systems ⁴⁾	possible		
Environmental Conditions			
_ EMC	EN 50081-2; EN 55011; EN 50082-2; EN 61000-4-2; EN 61000-4-3; EN 61000-4-4; EN 61000-4-		
_ Operating temperature	0 ... +50°C		

¹⁾For different requirements contact our distribution office. ²⁾On request. ³⁾The slots can be combined in different ways. Due to the CPU, the number of the slots is reduced by 2 and can be further reduced by connectors that are installed on slot sheets. ⁴⁾Windows; Linux; DOS - on request. ⁵⁾Weight data is based on the standard configuration. Battery packs and other cards may increase the weight.

Ist die geeignete Ausführung nicht dabei? Nehmen Sie Kontakt mit uns auf (info@trsystems.de).

Headquarters

TR-Electronic GmbH
Eglishalde 6
D-78647 Trossingen
Germany
Tel.: +49/7425 228-0
Fax: +49/7425 228-33
info@tr-electronic.de
www.tr-electronic.de

Belgium

TR-Electronic Benelux
Dorpstraat 18F
NL-5386AM Geffen
Tel.: +31/73 844 9600
Mobil: +31/6383 28 303
rene.verbruggen@tr-electronic.nl
www.tr-electronic.nl

Czech Republic, Slovakia

DEL a.s.
Biskupský dvůr 1146/7
Nové Město
CZ-110 00 Praha 1
Tel.: +420/566 657 100
Fax: +420/566 621 657
tr-electronic@del.cz
www.del.cz

India

Spohn Burkhardt India
9th Main Road, 500,
33rd A Cross Road
7th Cross, 4th Block Jayanagar
IN-Bangaluru - 560 011, India
Mobile: +91/98451 46948
info@spobu-india.in
www.spobu-india.in

International

Argentina

AEA Aparatos Eléctricos Automáticos S.A.C.I.E.
Asunción 2130
AR-1419 Buenos Aires
Tel.: +54/11 - 4574 1155
Fax: +54/11 - 4574 2400
servicioalcliente@aea.com.ar
www.aea.com.ar

Brazil

Grupo C+Tecnologia
Rua dos Caetés 601
CEP - 05419-000
BR-Perdizes - São Paulo - SP
Tel.: +55/11-2168 655-4
Fax: +55/11-2168 655-5
info@ctecnologia.com.br
www.ctecnologia.com.br

Denmark

TR-Electronic Danmark ApS
Hustedgårdvej 22
DK-8722 Hedensted
Tel.: +45/75 89 06 03
cbj@tr-electronic.dk
www.tr-electronic.dk

India

Global-Tech (India) Pvt Ltd.
"INFINITY House", Survey No-85, A-1/4, Lalit Estate, Plot No-7, Next to Eminent Building, Near Ganaraj Chowk, Baner Road, IN-Pune - 411045, Maharashtra
Tel.: +91/20 6744 0033
Fax: +91/20 - 2447 00 86
info@globaltechindia.com
www.globaltechindia.com

Australia (New Zealand)

Sensor Measurement
Unit 8/26 Shields Crescent
P.O. Box 1079
AU-Booragoon
Western Australia 6154
Tel.: +61/8-93 17 25 52
Fax: +61/8-93 17 24 52
sales@sensormeasurement.com.au
www.sensormeasurement.com.au

Canada

TR Electronic
P.O. Box 2543, Station B
CA-London
Ontario Canada N6A 4G9
Tel.: +1/519-452 1999
Fax: +1/519-452 1177
customercare@trelectronic.com
www.trelectronic.com

Finland

Sarlin Oy Ab
P.O. Box 750
FI-00101 Helsinki
Tel.: +358/10 - 550 4000
Fax: +358/10 - 550 4201
info@sarlin.com
www.sarlin.com

Israel

Dor Engineering
P.O.Box 6
IL-48805 Kibutz Einat
Tel.: +972/3 900 75 95
Fax: +972/3 900 75 99
info@doreng.co.il
www.doreng.co.il

Australia

Leuze electronic PTY Ltd.
Unit 2/843 Mountain Highway
Bayswater VIC 3153
Tel.: +61/1300 538 933
Fax: +61/3 9738 2677
sales@leuze.com.au
www.leuze.com.au

Chile

Allware
Casa Haverbeck
General Lagos 2060 2° Piso
Region de Los Rios Valdivia
CHL-Santiago Chile
Tel.: +56 63/239298
Sales@allware.cl
www.allware.cl

France

TR-Electronic France SARL
1 Avenue
Christian Doppler - Bat 2
FR-77700 Serris
Tel.: +33/1-64 63 68 68
Fax: +33/1-61 10 17 66
info@tr-electronic.fr
www.tr-electronic.fr

Italy

Telestar S.r.l.
Via Novara, 35
IT-28010 Vaprio D'Agogna (NO)
Tel.: +39/03-21 966-768
Fax: +39/03-21 966-281
telestar@telestar-automation.it
www.telestar-automation.it

Austria

TR-Electronic GmbH
Tragösserstraße 117
A-8600 Bruck/Mur
Tel.: +43/3862-55006 0
Fax: +43/3862-55006 33
info@tr-electronic.at
www.tr-electronic.at

China

TR-Electronic (Beijing) CO., Ltd.
Room 717 / 718, Building A2
Electronic City Science Park
Jiu Xian Qiao Dong Road No. 9
Chaoyang District
CN-100027 Beijing, P.R. China
Tel.: +86/10 - 582 386 55
Fax: +86/10 - 582 372 10
lu.yu@tr-electronic.de
www.tr-electronic.com.cn

Great Britain

TR-Electronic Ltd.
4 William House, Old St.
Michaels Drive
GB-Braintree Essex CM7 2AA
Tel.: +44/1 371-876 187
Fax: +44/1 371-876 287
info@tr-electronic.co.uk
www.tr-electronic.co.uk

Japan

SANTEST CO. Ltd.
1-60 Tsuneyoshi, 1-Chome
Konohanaku
J-Osaka 554-8691
Tel.: +81/6-6465 5561
Fax: +81/6-6465 5921
info@santest.co.jp
www.santest.co.jp

Mexico

TR Electronic
P.O. Box 2543, Station B
CA-London, Ontario Canada
N6A 4G9
Tel.: +1/519-452 1999
Fax: +1/519-452 1177
customercare@trelectronic.com
www.trelectronic.com

Republic of Korea

MS Intech Co., Ltd.
B-306 SK Twintech Tower
345-9 Gasan-dong/
Geumcheon-gu
KR-08589 Seoul
Tel.: +82/2-334 0577
Fax: +82/2-862 1591
sales@msintech.com
www.msintech.com

South Africa

Angstrom Engineering (Pty) Ltd.
Sybrand van Niekerk
Business Park Meyerton
19 Tom Muller Road
ZA-1960 Meyerton
Tel.: +27/362 0300
info@angstromeng.co.za
www.angstromeng.co.za

Thailand

T+R Electronic (Thailand) Co., Ltd.
120/62 Moo 8 Bang Sare
TH-Sattahip, Chonburi 20250
Tel.: +66/38 737 487
Fax: +66/38 737 171
trthailand@trelectronic.co.th
www.trelectronic.co.th

Netherlands

TR-Electronic Benelux
Dorpstraat 18F
NL-5386AM Geffen
Tel.: +31/73 844 9600
Mobil: +31/6383 28 303
rene.verbruggen@tr-electronic.nl
www.tr-electronic.nl

Russia

Sensotek LLC
Kievskoye highway 22 km
(Moskovskiy settlement)
housing estate 4, building 5,
office 505E
RU-108811 Moscow
Tel.: +7/495 181-56-67
Fax: +7/495 181-56-67
info@sensotek.ru
www.sensotek.ru

Spain, Portugal

Intertronic Internacional, SL
C/Johannes Gutenberg, 4 y 6
Parque Tecnológico Paterna
ES-46980 Valencia
Tel.: +34/963 758 050
Fax: +34/963 751 022
info@intertronic.es
www.intertronic.es

Turkey

ÜNİVERSA İÇ ve DIŞ TİC. MAK.
SAN. LTD. ŞTİ.
Cemal Gürsel Caddesi No: 11/7
TR-35600 Karşıyaka-İZMİR
Tel.: +90/232 382 23 14
Fax: +90/232 382 23 24
info@universa.com.tr
www.universa.com.tr

Norway

TR Electronic Norway AS
Fusdal Terrasse 3
N-1387 Asker
Tel.: +46 708 696 533
Fax: +46 875 676 80
info@trelectronic.se
www.trelectronic.se

Saudi-Arabia

Business Tribune Company Ltd.
4237 Ad Danah
King Abdulaziz Road
SA-32437-6887 Ad Dammam
Tel.: +966/3-832 72-17
Fax: +966/3-832 72-41
waleed@bustribune.com.sa
www.bustribune.com

Sweden

TR Electronic Sweden AB
Djupdalsvägen 10
SE-192 51 Sollentuna
Tel.: +46/8-756 72 20
Fax: +46/8-756 76-80
mailbox@trelectronic.se
www.trelectronic.se

USA (TR-Electronic)

TR Electronic
200 East Big Beaver Road
Suite 164
US-Troy, MI 48083
Tel.: +1/248-244-2280
Fax: +1/248-244-2283
customercare@trelectronic.com
www.trelectronic.com

Peru

Grupo C+Tecnologia
Rua dos Caetés 601
CEP-05419-000
BR-Perdizes - São Paulo - SP
Tel.: +55/11-2168 6554
Fax: +55/11-2168 6555
info@ctecnologia.com.br
www.ctecnologia.com.br

Singapore

Globaltec Electronics
(Far East) Pte. Ltd.
50 Bukit Batok Street 23
#06-27 Midview Building
SG-659578 Singapore
Tel.: +65/6267 9188
Fax: +65/6267 8011
janice@globaltec.com.sg
www.globaltec.com.sg

Switzerland

TR-Electronic SA
14, Ch. Pré-Fleuri
CH-1228 Plan-les-Ouates/Genève
Tel.: +41/22-7 94 21 50
Fax: +41/22-7 94 21 71
info@tr-electronic.ch
www.tr-electronic.ch

USA (TRsystems)

TRS Fieldbus Systems, Inc.
666 Baldwin Court
US-Birmingham, MI 48009
Tel.: +1/586 826-9696
Fax: +1/586 826-9697
support@trs-fieldbus.com
www.trs-fieldbus.com

Poland

Stoltronic-Polska Sp.z o.o. Sp.k.
ul. Dąbrowskiego 238
P-93-231 Łódź
Tel.: +48/42 649 12 15
Fax: +48/42 649 11 08
stoltronic@stoltronic.pl
www.stoltronic.pl

Slovenia

S.M.M. d.o.o.
Jaskova 18
SI-2001 Maribor
Tel.: +386/2450 2300
Fax: +386/2450 2302
info@smm.si
www.smm.si

Taiwan

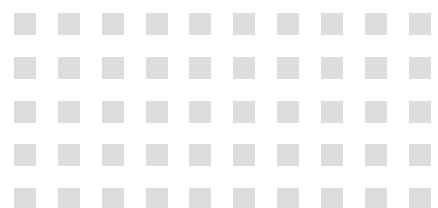
TR-Electronic (Beijing) CO., LTD.
Room 717 / 718, Building A2
Electronic City Science Park
Jiu Xian Qiao Dong Road No. 9
Chaoyang District
CN-100027 Beijing, P.R. China
Tel.: +86/10 - 582 386 55
Fax: +86/10 - 582 372 10
lu.yu@tr-electronic.de
www.tr-electronic.com.cn

TRsystems GmbH

Eglishalde 16
D - 78647 Trossingen

Tel. +49 7425 228-0
Fax +49 7425 228-34

info@trsystems.de
www.trsystems.de



Last update: 07/2019

68-135-003 · TRS-V-PR-GB-0005-03

Subject to technology and design modifications.

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