

EP-300 5.7/7,5/10,4"



- **WindowsCE**
- **Touch-screen**
- **Geode 266MHz CPU**
- **Ethernet onboard**
- **Exchangeable CompactFlash™**
- **Profibus, MPI, CANopen1**
- **Soft-Motion1**
- **Local I/Os1**

Grossenbacher Systeme starts the openAutomation concept with the **EthernetPanel** devices. They are based on a 266MHz-x86-CPU with WindowsCE and Ethernet on-board.

In the basic configuration the device can be used as „HMI“ or as a user programmable „HMI-Open“ with Ethernet and USB onboard. The fieldbus interfaces CANopen, ProfibusDP-Master/Slave or MPI are available optionally.

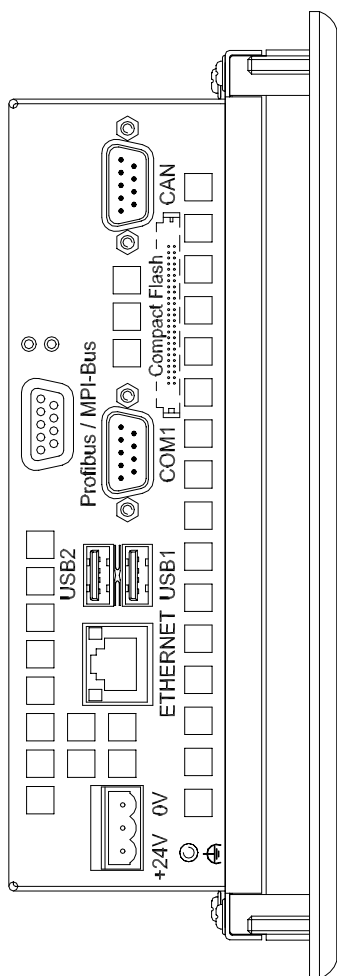
With CoDeSys IEC-61131 Soft-PLC the device can be used as "HMI-Control" with Codesys TargetVisu, WebVisu, integrated Soft-PLC and with CoDeSys Soft-Motion. Alternatively the **STEP7® compatible Soft-PLC AT-S7** is available, which can be programmed with standard **SIMATIC Manager** via Ethernet.

An exchangeable Compact-Flash™ is used as mass storage device. Without moving parts the devices are "at home" in rugged environment!

For fast, intuitive and fatigue free operation two approved touch-screen technologies are available: the service free infrared touch-screen with scratch resistant safety glass or the seamless resistive touch-screen.

¹ Option

Technical data



System		
Processor	Geode 266MHz	
Memory	128MB DRAM	
Data-/Program memory	exchangeable CompactFlash™ up to 2GB optionally up to 128MB Onboard-Flash	
Display		
Display area: Resolution	5,7": 320x240, 7,5"/10,4": 640x480	
Type / Number of colours	Colour-TFT with 64k (16Bit)	
Backlight	dimnable via software	
Touch		
Infrared touch-screen	safety glass, non-reflective	
Resistive touch-screen	seamless polyester/glass laminate	
Interfaces		
Ethernet	1 x 10/100MBit	
Serial	1 x COM1	
USB	2 x Master	
CAN	1 x CANopen not isolated 1MBit ²	
Retainmemory	32kB	
Option Profibus	1 x DP Master/Slave/MPI	
Operating system		
WindowsCE	5.0	
Power supply		
Rated voltage	24VDC, >= 8W	
Voltage range	18,5...30,2VDC	
General Data		
Operating climate	0..50°C vertical installation 0..40°C tilted installation max. 35° 10...90% rel. air humidity, non-condensing	
Storage climate	-20...60°C 10...90% rel. air humidity, non-condensing	
Standards	CE-conformity	
Degree of protection	IP65 front, IP20 rear	
EMC class	EN61000-6-2, EN61000-6-3	
Mounting form	installation housing	
Dimensions		
Front (W x H x D)	BOX :	220.6 x 139 x 48.5 mm
	5,7":	212 x 156 x 66 mm
	7,5":	248 x 192 x 73 mm
	10,4":	345 x 260 x 80 mm
Ordering information		
EP-300-BOX-000	5081354	
	infrared touch screen	resistive touch-screen
EP-300-05x-000	-05I-: 5081334	-05R-: 5081335
EP-300-07x-000	-07I-: 5081370	-07R-: 5081371
EP-300-10x-000	-10I-: 5081337	-10R-: 5081339
Software		
RTS HMI CEx86EP	5056816	
RTS HMI CEx86EP QVGA	5056818	
RTS HMI-Control CEx86EP x	3S: 5056817	AT-S7: 5056859
RTS HMI-Control CEx86EP QVGA x	3S: 5056819	AT-S7: 5056858

² optionally isolated max. 500kBit