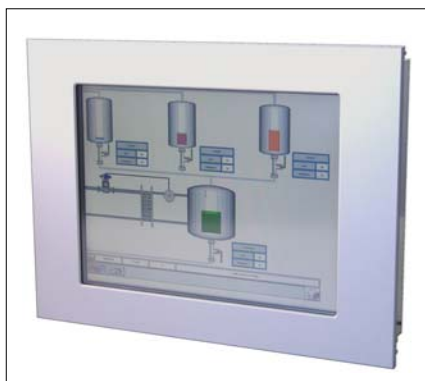


VPCT12



- Fanless, maintenance free Design
- Embedded OS support
- Intelligent power saving system
- Overheat protection
- Long time availability
- Available as Soft-PLC with IEC-61131

Technical Data

TFT Module

Panel size	12.1"
Display type	a-Si TFT active matrix
Resolution / display colors	standard SVGA 800 x 600 / 262.144
.....	optional XGA 1024x768 / 16.8Mio
Surface treatment	anti glare & hard coating 3H
Viewing angle.....	vertical 110° / horizontal 140°
Brightness	at least 370 cd/m ²
Backlight unit.....	2 CCFTs / lifetime typ. 50,000h

CPU Board

CPU	up to Intel® Celeron® M 1.5GHz
.....	up to Intel® Pentium® M 1.4GHz
.....	AMD Geode™ LX 800 @500MHz
Chipset.....	Intel® 852/855GME, AMD CS5536
Memory	1x DDR-SO-DIMM up to 1GByte
Preloaded operating system	Windows/ Linux
Fieldbus	CANopen Master/Slave, Profibus Master/Slave
PLC / visu	IEC-61131 CoDeSys / IEC-61131 visualization
Network.....	up to 2x 10/100 Base-T LAN
Ports	up to 2x RS232; 3x USB 2.0
Drive	2.5" hard disk (typical 20GB), Compact Flash type II IDE

Optional 8-Wire TouchScreen

Haze and clarity	haze 5%, clarity 77%
Point activation.....	min. 1,000,000 activations at a single point
Gouge hardness	hard coating ≥4H (HCG12-PL)

CF Card

Compact Flash card.....	high grade functionality and extended temperature range
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Electrical Data

Power supply	24V DC ± 20%
Power consumption (standard configuration).....	1.2A

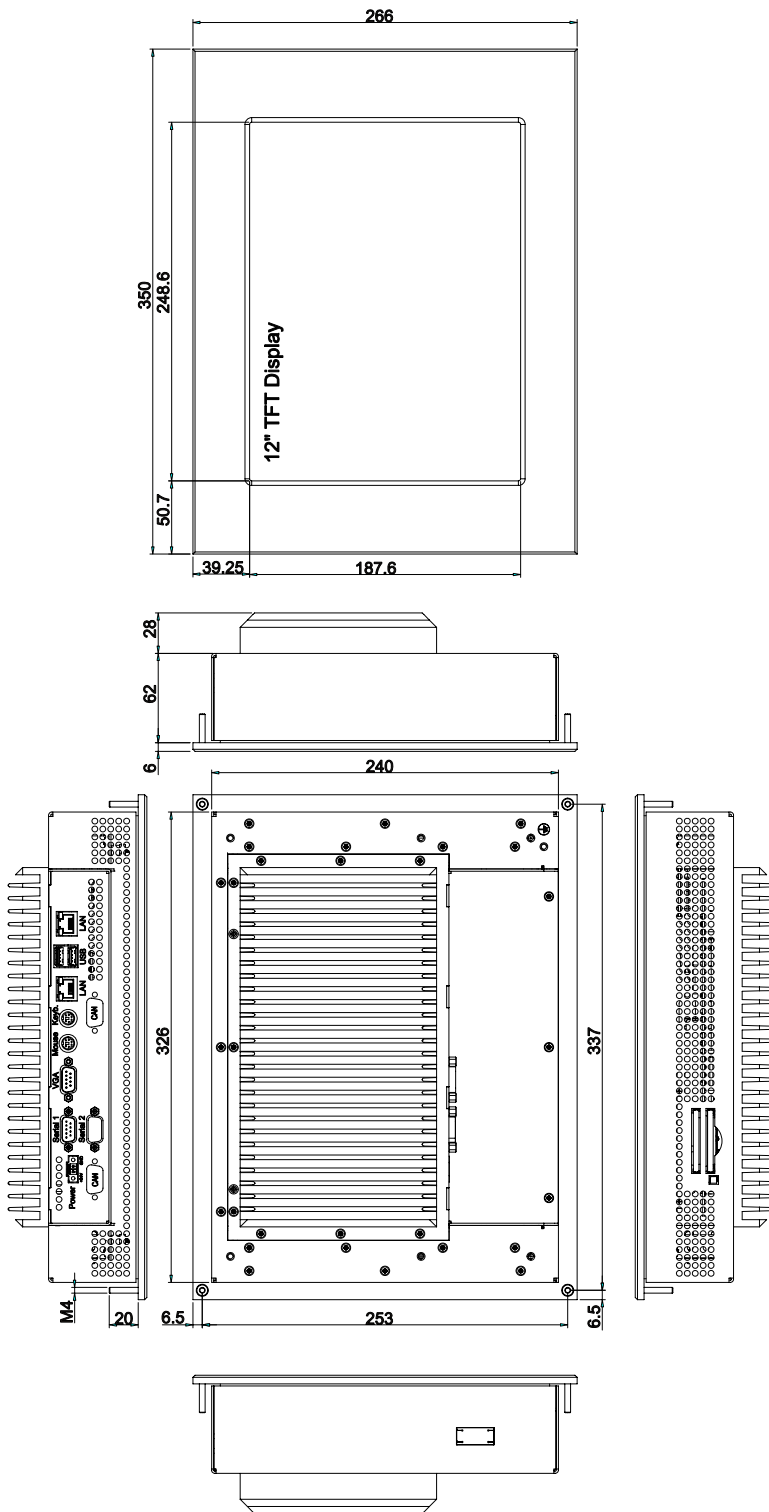
Environmental Conditions

EMI	EN 50081-2; EN 55011; EN 50082-2; EN 61000-4-2;
.....	EN 61000-4-3; EN 61000-4-4; EN 61000-4-5
Protecting class.....	front side IP65, rear side IP20
Operating temperature [°C].....	0...+45
Storage temperature [°C].....	-20...+60
Humidity (rel).....	90% (non condensing)
Weight.....	4.4kg

Front Prints customized prints on request

VPCT12

Drawing

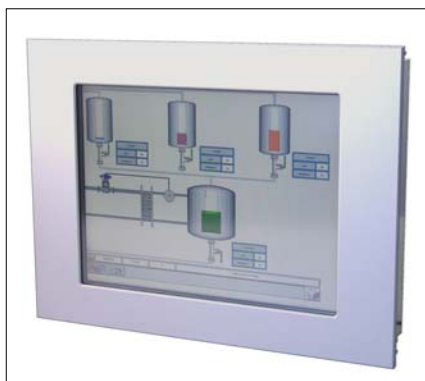


Revision changes:

Rev.	Description	Date
01	Changes: Technical Data CPU Board, Drawing	10.01.2008

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VPCT15



- Fanless, maintenance free design
- Embedded OS support
- Intelligent power saving system
- Overheat protection
- Long time availability
- Available as Soft-PLC with IEC-61131

Technical Data

TFT Module

Panel size	15"
Display type	TFT LCD colour active matrix
Resolution / Display colours	1024x768 / 16.2Mio
Surface treatment	Anti glare & hard coating 3H
Viewing angle	vertical 130° / horizontal 160°
Brightness	400 cd/m ²
Backlight unit	4 CCFTs / Lifetime typ. 35,000h

CPU Board

CPU	up to Intel® Celeron® M 1.5GHz
.....	up to Intel® Pentium® M 1.4GHz
.....	AMD Geode™ LX 800 @500MHz
Chipset	Intel® 852/855GME, AMD CS5536
Memory	1x DDR-SO-DIMM up to 1GByte
Preloaded operating system	Windows/ Linux
Fieldbus	CANopen Master/Slave, Profibus Master/Slave
PLC / visu	IEC-61131 CoDeSys / IEC-61131 visualization
Network	up to 2x 10/100 Base-T LAN
Ports	up to 2x RS232; 3x USB 2.0
Drive	2.5" hard disk (typical 20GB), Compact Flash type II IDE

Optional 8-Wire TouchScreen

Haze and clarity	haze 5%, clarity 77%
Point activation	min. 1,000,000 activations at a single point
Gouge hardness	hard coating ≥4H (HCG12-PL)

CF Card

Compact Flash card	high grade functionality and extended temperature range
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Electrical Data

Power supply	24V DC ± 20%
Power consumption (standard configuration)	2.2A

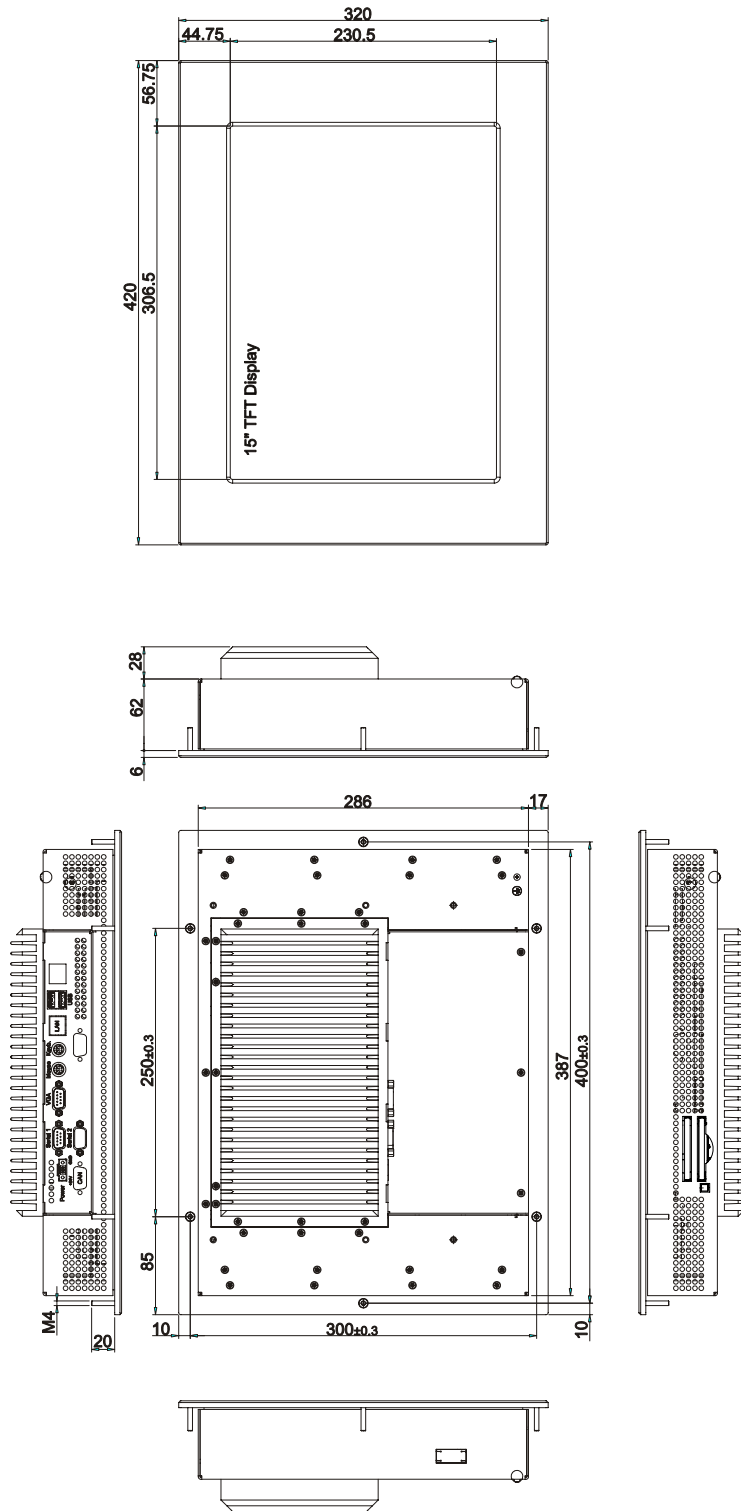
Environmental Conditions

EMI	EN 50081-2; EN 55011; EN 50082-2; EN 61000-4-2;
.....	EN 61000-4-3; EN 61000-4-4; EN 61000-4-5
Protecting class	front side IP65, rear side IP20
Operating temperature [°C]	0...+45
Storage temperature [°C]	-20...+60
Humidity (rel)	90% (non condensing)
Weight	6.2kg

Front Prints customized prints on request

VPCT15

Drawing



Revision changes:

Rev.	Description	Date
01	Changes: Technical Data CPU Board, Drawing	10.01.2008

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