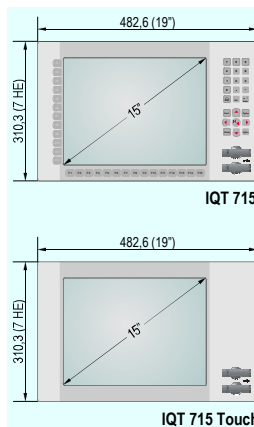
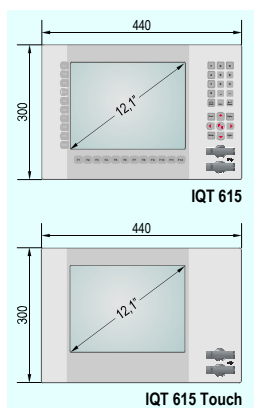
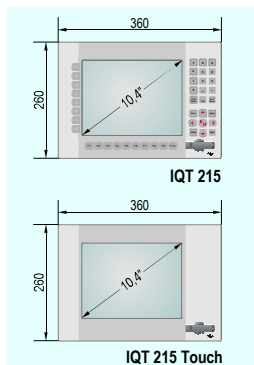


Technical data

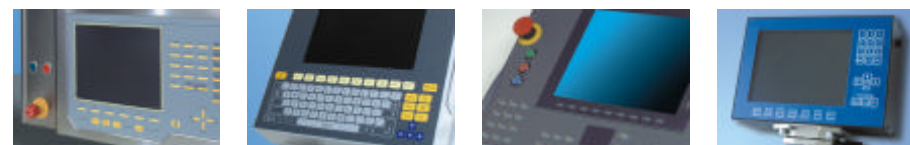
IQT 215 IQT 615 IQT 715

Standard displays	10,4" TFT touchscreen or folli keypad 640 x 480 pixels, min. 250 cd/m ²	+	-	-
	12,1" TFT touchscreen or folli keypad 800 x 600 pixels, min. 240 cd/m ²	-	+	-
	15" TFT touchscreen or folli keypad 1024 x 768 pixels, min. 200 cd/m ²	-	-	+
Processor				
	Celeron M ULV 1 GHz	+	+	+
	Pentium M with 1,4 GHz	+	+	+
Memory				
	CF card (2/8GB)	+	+	+
	RAM 1GB	+	+	+
Interfaces	Front USB port, IP65	1	2	2
	Rear USB port (version dependent)	2	2	2
	CAN	1	1	1
	PS/2 (keyboard/mouse)	1	1	1
	Ethernet 10/100, RJ45	1	1	1
	Serial RS232C	2	2	2
	Parallel LPT	1	1	1
	Current Loop (optional)	1	1	1
	PC 104(+) socket	1	1	1
Power supply	24 V DC (18..30), max. 4 A	+	+	+
Dimension [mm]	Width	360	440	482,6
	Hight	260	300	310,3
	Depth behind panel	155	120	120
Operating system	Windows XP / Embedded XP	+	+	+
	Linux / Embedded Linux	+	+	+



IQT
Operating terminals
for industrial applications

- Passive cooling up to 50°C ambient temperature.
- Robust, industrial metal housing.
- Front protection to IP 65.
- Designed for 24h continuous operation.
- CAN and Ethernet 'on board'.
- Service-friendly design.
- Customer-specific versions.



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Wir kriegen's geregelt
Close the loop with



Performance features

We have no influence on the operating conditions of your industrial PC.

But we can do everything to ensure that with a PMA IQT you are perfectly equipped for the demanding requirements of daily industrial operations.

The modular, scalable outfit of the PMA IQT offers the best prerequisites to meet individual requirements

You can combine high technical performance with long-term economy.

A strategy that pays.

Mass data storage

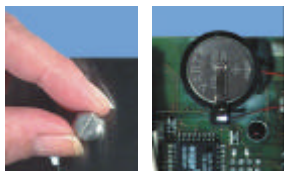
Whether 'on board' plug-in Compact Flash card, hard disk drive or both the choice is yours



Service-friendly design

Captive closure screws ensure convenient and simple handling. In this way, the IQT housing can be opened easily, e.g. for exchanging the CF card or replacing the battery.

A special service cover provides safe and convenient access when replacing the display backlighting.



Robust metal housing for rough, every-day industrial use

A rugged aluminium front and the robust, corrosion-protected full metal housing ensure optimum mechanical and electrical protection for the PC under industrial operating conditions.

Display and operation

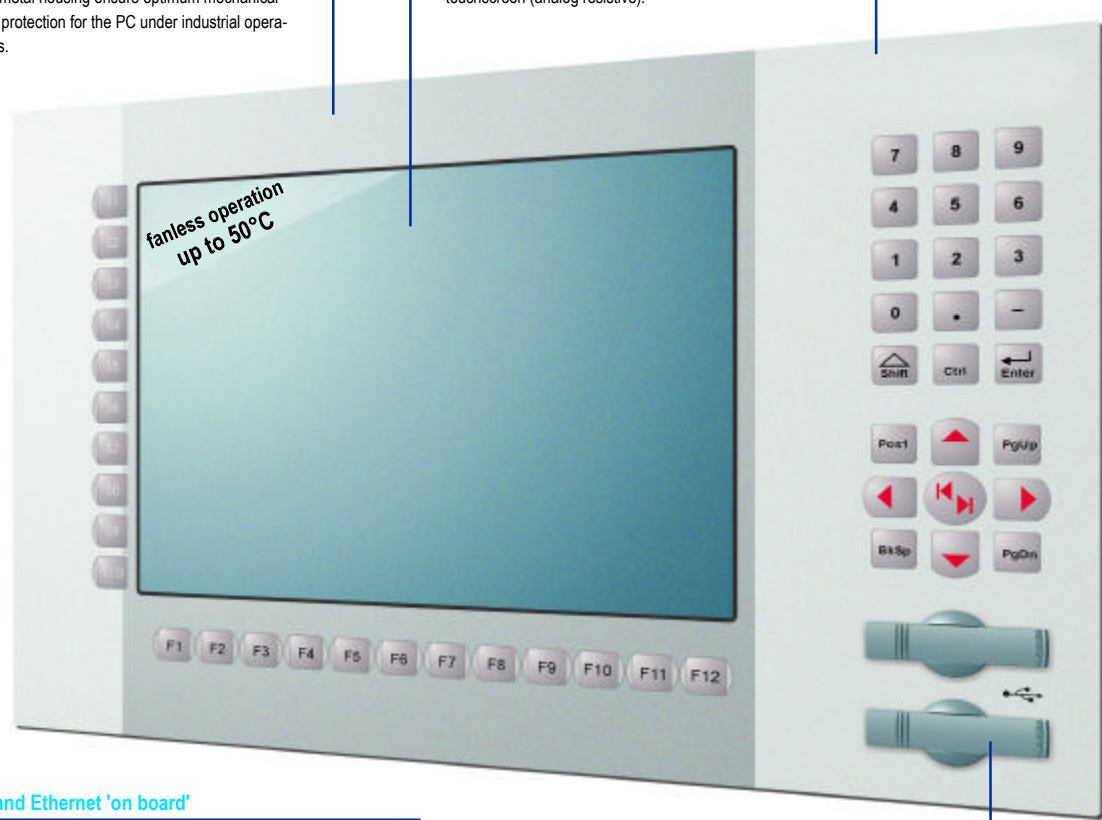
The backlit displays (typically 50.000 h) come in 3 standard sizes, enabling you to adapt flexibly to all demands..

☐ 10,4" TFT ☐ 12,1" TFT ☐ 15" TFT

Operation via foil keypad or touchscreen (analog resistive).

Front protected to IP 65

Optionally with "your" front design



Scalable computing power

The IQT's performance can be adapted individually by selecting a suitable processor. For example, there is a choice of ETX boards with processor from the Geode CPU up to the Pentium M.

Modular & expandable

An additional PC 104(+) socket permits the IQT to be expanded to meet additional demands.

Monitoring functions

Temperatures and voltages are monitored as standard, together with process values and peak-picking.

Integrated parameter memory

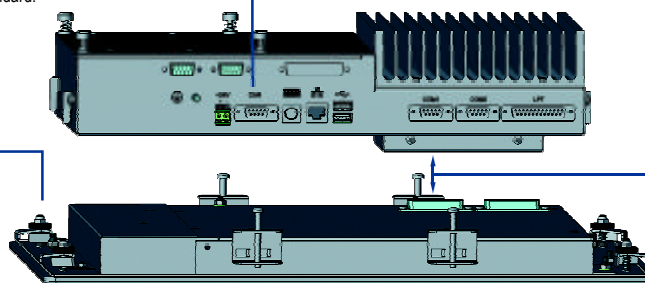
System parameters such as Serial no., operating hours counter, temperature and voltage values, machine data or version management are stored safely.. Therefore, these data are still readily available after an exchange of the Compact Flash card.

Passive cooling up to 50°C ambient temperature

PMA IQTs are designed for passive cooling (no cooling fan) with ambient temperatures up to 50°C at the rear housing panel. Of course, this also applies for 24-hour continuous operation.

CAN and Ethernet 'on board'

PMA IQTs are extremely "communicative". All the necessary interfaces for networking, field bus, and external devices are fitted as standard.



Simple installation

The unit mounts into a panel securely and quickly by means of fixing clamps or screws.

Easily accessible temporary communication ports

Front USB port with captive protective cover

Operation with remote computing unit

The modular design of PMA IQTs permits the front panel to be separated from the computing unit.