

Industrial operator panel HMI ATT700

Category:	HMI Operator Interface Panels
Manufacturer:	Mobikator
Supported OS:	Windows CE 6.0/Linux/Android 4.4.2
Installed OS:	Windows CE 6.0
	: 3x USB 2.0 1x USB 2.0 Slave 2x RS232 1x RS485 RJ-45 LAN Micro SD
	: Gray
	: -----
	: 256MB
	: 512MB
	: ARM A8 Core 1GHz
Screen size:	7"
Resolution:	800 x 480
Graphic Card:	-----
Brightness:	250cd/m ²
Touchscreen:	Resistive Capacitive (optional)
IP Norm:	-----
Temp:	-20°C - 60°C
Storage Temp:	-20°C - 70°C
LAN:	Yes - 1 x 100Mbps

Humidity:	20% - 70% non-condensing
Bluetooth:	-----
Others:	-----
Expansion:	-----
Power:	12-24V
Power Consumption:	-----
Contrast Ratio:	-----
Color Resolution:	-----
Housing material:	High quality plastic
Dimensions:	200 x 130 x 21mm
Fanless:	Yes
Weight:	~1300g

Product from the Archive - production finished



Specification

Description

Protection

Communication

Application

Industrial operator panels also known as control panels are devices that control other electrical devices using convenient and intuitive touch interface. Thanks to its robust design, these devices are suitable for use even in harsh environments.

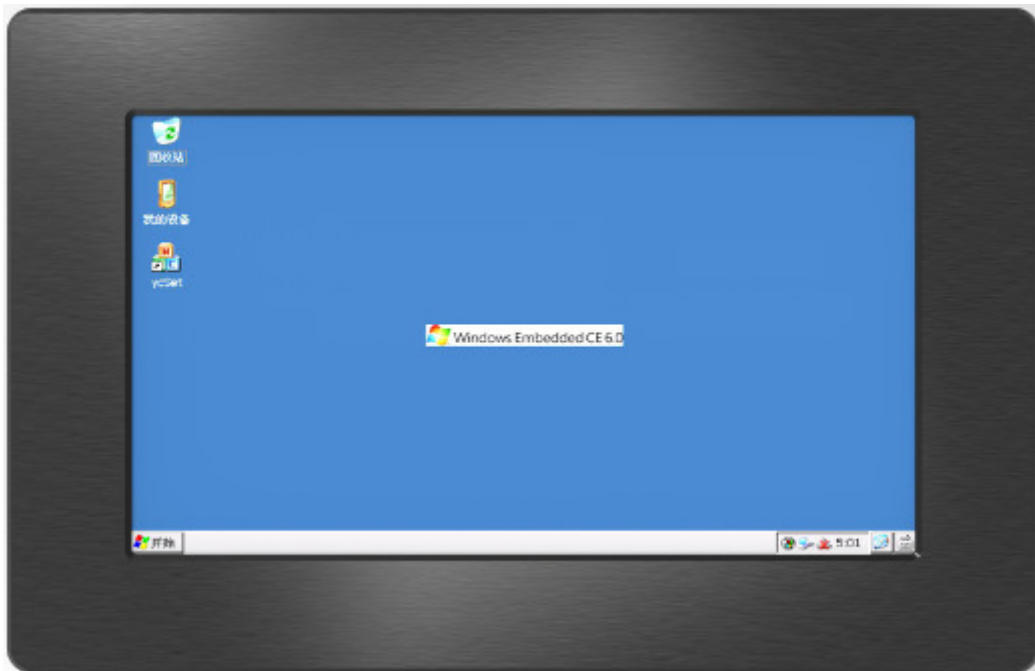
Specification

Processor	ARM Cortex A8 1GHz
RAM	512MB
Display	7" LCD (800x480) Resistive Capacitive (optional)
Flash memory	256MB
Connectors	USB 2.0 USB 2.0 Slave RS232 RS485 RJ-45 LAN Micro SD (max. 32GB)
System operacyjny	Windows CE 6.0/Linux/Android
Dimensions	200 x 130 x 21mm
Weight	~1300g

Check "Available versions" tab to see available configurations of this device. To get more information about this product click "Ask about the product" or use the [Contact form](#).



Description



Multitasking OS

HMI is equipped with an operating system from Windows CE family, which ensures maximum efficiency of the device and easily copes with multiple processes simultaneously. Convenient interface makes the operator panels as much intuitive as possible.

Efficient processor

An important advantage of the HMI ATT700 is a powerful combination of small size with considerable capabilities through the use of the processor family ARM Cortex A8 with 1GHz clock speed, which, combined with 512MB of RAM gives us a powerful, multi-purpose, quality device for a low price.

Small size

HMI ATT700 is equipped with a 7 inch screen and the overall size of its design is only 200mm x 130mm x 21mm. Its weight is only 1300 grams. With such a small size it can be used in even if there is not much available space. In addition, HMI has the possibility to mount it on a wall for the greatest convenience and ease of access.

Solid construction

HMI enclosure is made from a plastic of a highest quality, providing a very high resistance to mechanical damage. With this construction it is ready for use even in extreme conditions such as heat, cold or vibration at any time. In addition.

Low power consumption

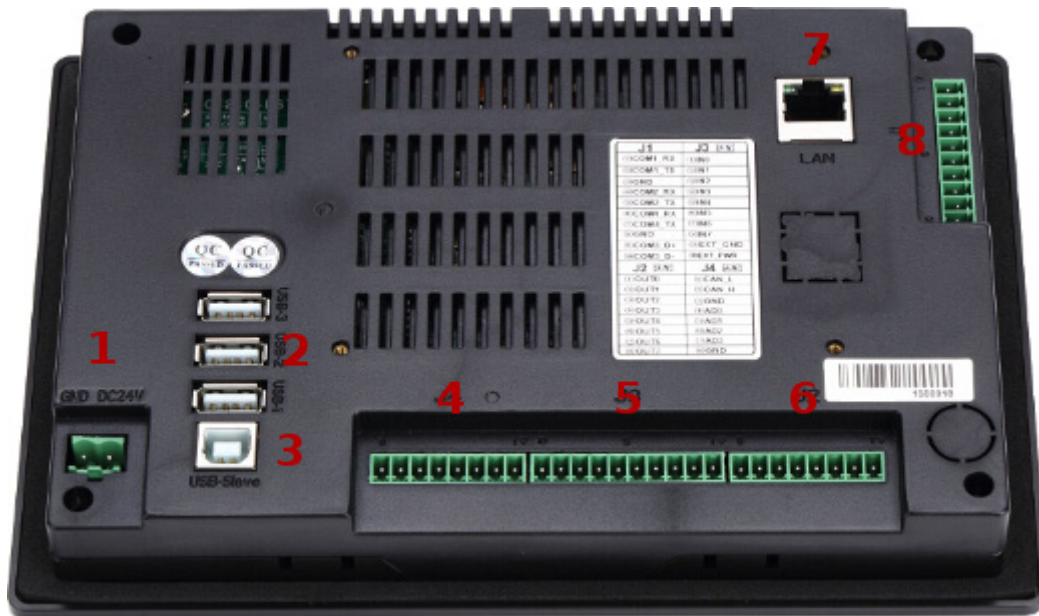
Using the latest technology, HMI ATT700 is designed for continuous operation with a very low power consumption at 12-24V.



Protection

Work temperature	-10 - 60
Storage temperature	-20 - 70
Humidity	20% - 70% (non-condensing)

Communication



- | | | |
|----------------|------------------------|-----------------------|
| 1. DC24V / GND | 4. Analog I/O (J4) | 7. RJ-45 LAN |
| 2. 3x USB 2.0 | 5. Digital input (J3) | 8. RS232/485 COM (J1) |
| 3. USB Slave | 6. Digital output (J2) | |

Digital and analog I/O interfaces are optional.

Pin	J4 (optional)	J3 (optional)	J2 (optional)	J1 (standard port)	The equipment name in WinCE
1	CAN_L	IN0	OUT0	COM1_RX	COM1
2	CAN_H	IN1	OUT1	COM1_TX	
3	GND	IN2	OUT2	GND	
4	AD0	IN3	OUT3	COM2_RX	COM2
5	AD1	IN4	OUT4	COM2_TX	
6	AD2	IN5	OUT5	COM4_RX	COM4 (debug serial port)
7	AD3	IN6	OUT6	COM4_TX	
8	GND	IN7	OUT7	GND	
9		EXT-GND		COM3_D+	COM3 (RS485 port)
10		EXT-PWR		COM3_D-	

CONNECTOR TYPE	QUANTITY
USB 2.0	3
RS232	2

RS485	1
DC 24V	1
USB Slave	1
RJ-45 LAN	1
Micro SD	1

PLC

PLC is a universal microprocessor device designed to control the operation of the machine or technological equipment. PLC must be adapted to the HMI device by introducing into its memory the desired algorithm for operation of the plant. A characteristic feature of the PLC controller distinguishes this from other drivers computer is cyclic circulation of program memory. The algorithm is stored in a dedicated controller programming language. You can change the algorithm by changing the contents of program memory. The driver provided with a suitable number of input circuits gathering information on the object status and requests service and the appropriate number and type of output devices connected to the actuators, signaling or data.

PLC is not included in the standard equipment - it must be purchased separately.

Application



Warehouse

Industrial HMI operator panel can be used to connect multiple devices in the warehouse and make them easier to control. And its robust design is perfectly designed for the harsh conditions prevailing in these areas. Dust or dirt will not prevent this device from working, it will work flawlessly even in polluted environments.

Smart Home

Thanks to its transparent and intuitive touch interface, the HMI device can be easily adapted to the Smart Home, this solution allows you to control functions such as music, heating and air conditioning, from one place. The ideal device for people who like to have everything at your fingertips.

available in the **Technical data** tab.

Thanks to the ease with which it can be adapted to specific tasks, it's wide range of applications and mediation between different processes, giving you control in various situations.

