

# FE6070H

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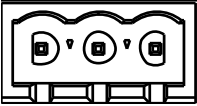
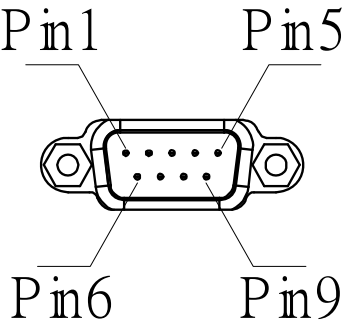

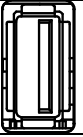
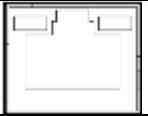



## Product specifications

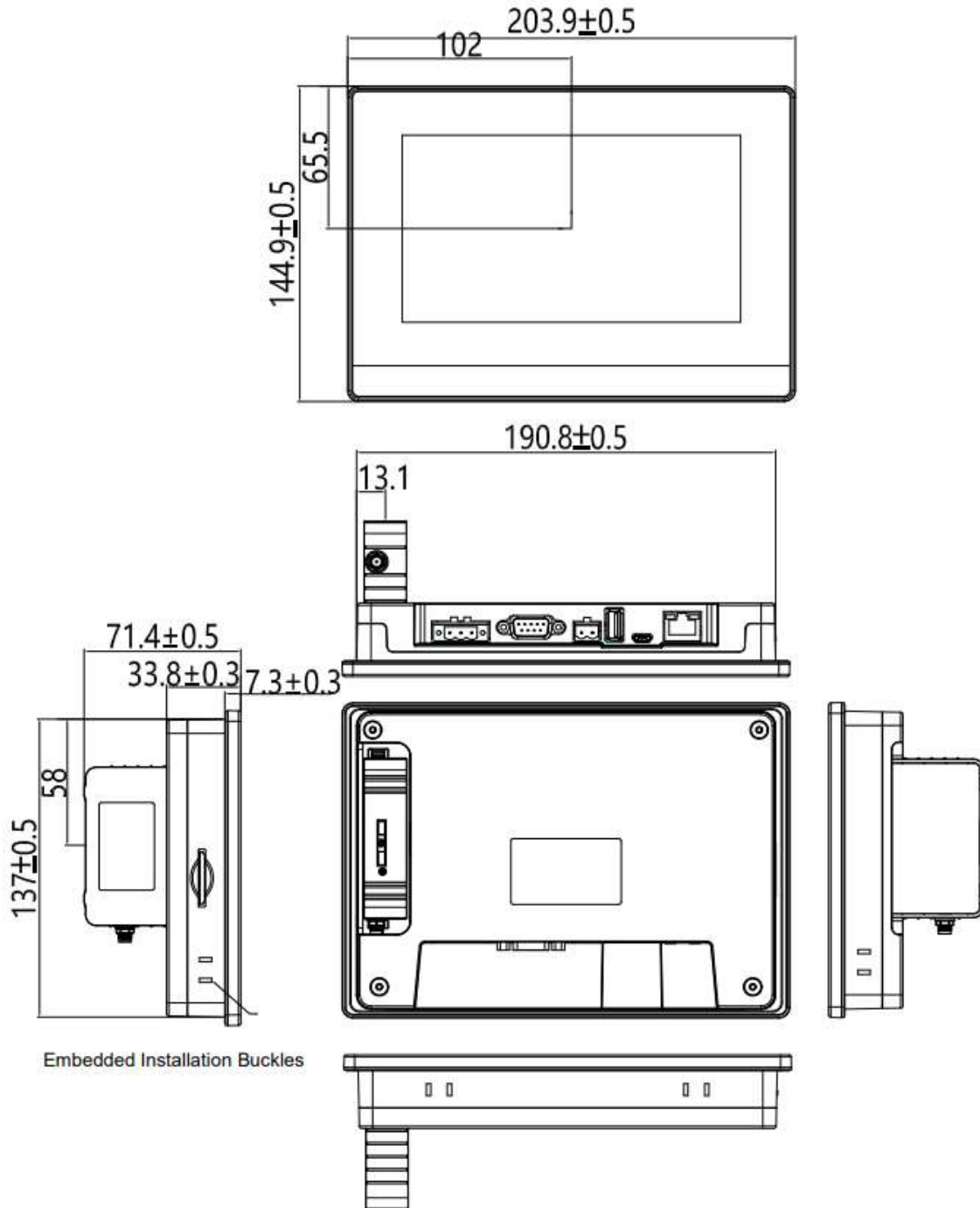
Hardware Parameter	Display	7" 16:9 TFT LCD display
	Resolution (WxH)	1024×600
	Colors	24-bit
	Brightness	450 cd/m <sup>2</sup>
	Backlight	LED
	LCD Life	50000 hours
	Touch Panel	4-line industrial resistive touch screen
	CPU	600MHz ARM Cortex-A8
	Memory	256MB Flash + 512MB DDR3
	RTC	Built in
	SD Card	Micro SD (TF) Card
	Ethernet	1-line 10M/100M suitable
	USB Port	1 USB Slave 2.0 port, 1 USB Host 2.0 port
	Download Project	USB Slave/U-disc /Ethernet
COM Port	COM1/ COM3 : RS232/RS485/RS422 COM2 : RS485/RS422	
Electrical Specifications	Input Power	DC24V, working range: DC 18V~28V
	Power Consumption	< 10W
	Power Protection	It uses power isolated module, with lightning & surging protection.
	Power Down Allowed	< 5mS

	CE & RoHS	Confirms to EN61000-6-2:2005, EN61000-6-4:2007 standard, confirms to RoHS, lightning & surging $\pm 1\text{KV}$ , Group Pulse $\pm 2\text{KV}$ , Static Contact: 4KV, Air Discharge: 8KV
Environmental Specifications	Storage Temperature	-20~60°C
	Operating Temperature	0~50°C
	Operating Humidity	10~90%RH (Non-condensate)
	Vibration Endurance	10~25Hz(X,Y,Z direction 2G/30 minutes)
	Cooling Method	Natural Cooling
Mechanical Index	Degree of Protection	The front panel confirms to IP65(with flat cabinet installation) and the back frame confirms to IP20
	Shell Material	ABS+PC
	Panel Cutout	192mm×138mm
	Dimension	204mm×145mm×33.8mm,
	Weight	About 550g

## Wiring Definition

Power Terminals(Pin1~3 from left to right)		
	Pin1	DC24V
	Pin2	GND
	Pin3	FG
DB9 Serial Ports (COM1/COM3)		
	Pin1	Rx-(B)
	Pin2	RxD (COM1 RS232)
	Pin3	TxD (COM1 RS232)
	Pin4	Tx-
	Pin5	GND
	Pin6	Rx+(A)
	Pin7	RxD (COM3 RS232)
	Pin8	TxD (COM3 RS232)
	Pin9	Tx+
COM2 Ports		
	Pin1	Rx+(A)
	Pin2	Rx-(B)
USB Host		
	USB Type A	Used to connect U-disc, sweep gun etc.
Ethernet Port		
	RJ45	Used for Ethernet setup with the controller or for connecting to a server
USB Slave		
	MicroUSB	Used to download the program and test.

**Size FE6070H**



Panel Cutout of Embedded installation:  $192\text{mm} \times 138\text{mm}$  (  $+1.0/-0.0\text{mm}$  )