

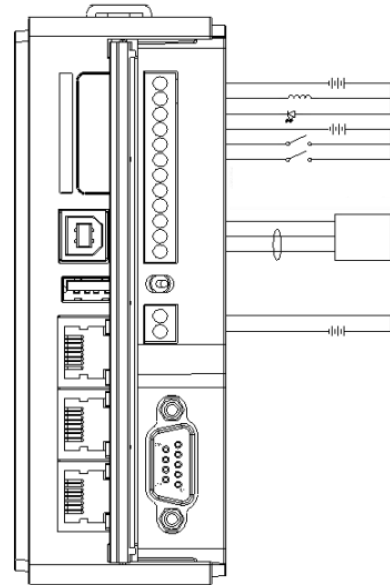
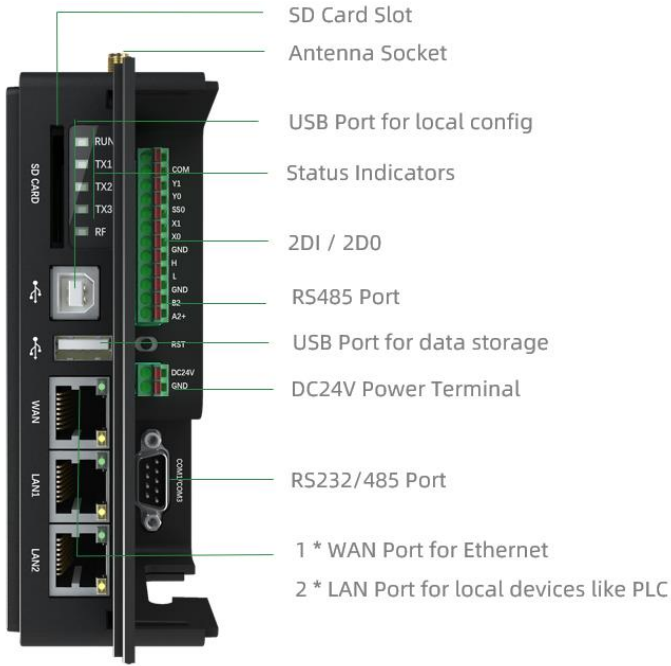
## Installation

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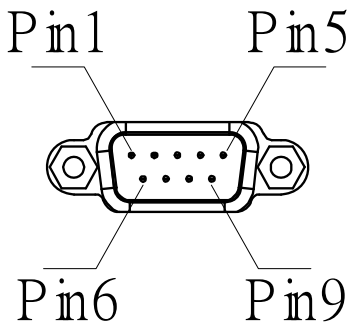


		FBox	FBox-WiFi	FBox-4G
Hardware Parameters	Network Access	Ethernet	Ethernet / WiFi	Ethernet / GPRS / 4G
	Network Frequency		IEEE 802.11b/g/n compatible WLAN IEEE 802.11e QoS Enhancement (WMM)	LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA: BC0 GSM: 900/1800MHz
	CPU	600MHz ARM Cortex-A8		
	Storage	128MB Flash + 128MB DDR3		
	I/O	2x opto-isolated digital inputs + 2x relay output (max 5A)		
	RTC	Built in		
	ETH	3x 10M/100M self-adaptive (1x WAN + 2x LAN)		
	COM	COM1: RS232/RS485/RS422 COM2: RS485 - COM3: RS232		
USB	1x USB slave 2.0 port, 1x USB host 2.0 port			
Electrical Specifications	Input Power	24 Vdc (working range: DC 9V...28V)		
	Power Consumption	< 5W		
	Power Down Allowed	< 3ms		

	Certifications	Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity:±1KV, EFT:±2KV,ESD:4KV, Air:8KV		
Environmental Specifications	Storage Temperature	-20~70°C		
	Operating Temperature	-10~60°C		
	Operating Humidity	10~90%RH (Non-condensate)		
	Vibration Endurance	10~25Hz (X,Y,Z direction 2G/30 minutes)		
	Cooling Method	Natural Cooling		
IIoT Specifications	Data Monitor	300	500	
	Alarming Push	100	200	
	Historical Data	30	100	
	Edge Computing	Available		
	Driver	Over 100 communication drivers		
	HTTP API	Available		
	MQTT	Available		
	VPN	Available		
Mechanic Specifications	Antenna		FEA-WiFi	FEA-YT
	Dimension	130mm × 94mm × 48mm		
	Material	ABS Engineering Plastic		
	Mounting	DIN rail		



DB9 Serial Ports (COM1/COM3)



Pin1	Rx-(B) (COM1 RS485-2/4)
Pin2	RxD_PLC (COM1 RS232)
Pin3	TxD_PLC (COM1 RS232)
Pin4	Tx- (COM1 RS485-4)
Pin5	GND
Pin6	Rx+(A) (COM1 RS485-2/4)
Pin7	RxD_PC/PLC (COM3 RS232)
Pin8	TxD_PC/PLC (COM3 RS232)
Pin9	Tx+ (COM1 RS485-4)

## Dimension

