

## BIS-1280

Based on Freescale ARM Architecture Engine Room Monitoring Barebone



### Product :

- ◆ With Freescale Cortex -A9 i.MX 6 processor (single/dual/quad core is available)
- ◆ 1G DDRIII 800MHz memory 8GB EMMC flash, expansion SD card
- ◆ Support 4x LAN, WiFi, 1x SIM card socket support 3G/4G Internet
- ◆ 4bit RS232/485 with isolation, 8bit RS485 with isolation, 1bit RS232 debugging interface
- ◆ 8-16bit DI optional (16bit DI or 8bit DI+8bit AI), 4bit DO with relay
- ◆ Built-in 1xVGA Pin, support 1xUSB2.0, 1xOTG, 1x Mini PCIe
- ◆ Adopts LINUX operating system, easy to maintenance
- ◆ External interfaces are anti lightning/surge/static electricity
- ◆ Size: 482mm x 280mm x 44mm

### Specification:

Model	BIS-1280	
	Platform	Freescale
Chassis	Color	Black
	Size	482mm × 280mm × 44mm(W×D×H)
	Structure	Quality carbon structural steels case
	Material	Fine carbon high strength steel
Mother board	Model	SOM-6502 core board SOMB-7003 (motherboard)
	Processor	Freescale Cortex™-A9 i.MX 6 (single/dual/quad core is available)
	Chipset	---
	Memory	1GB DDR3
Storage	HDD , SSD	8GB EMMC flash, 1x SATA2, expansion SD card
System feature	Ethernet	4x 10/100Mbps LAN, WiFi, 1x SIM card socket support 3G/4G Internet
	USB	1x USB2.0, 1x OTG
	Serial port	Provide 4bit RS232/485 with isolation, 8bit RS485 with isolation, 1bit RS232 debugging interface
	Display	1x VGA
	Cooling system	Fanless
	Expansion port	1x Mini PCIe
	DI	8-16bit optional; 16bit DI or 8bit DI+8bit AI
	AI	8bit AI(0~10V)
	DO	4bit DO with relay
	Indicator LED	20 bit can config LED
	System control	Reset switch
	Power	Power supply
Reliability	Installation	Rackmount
	Operating Temperature	0°C~60°C
	Storage Temperature	-40°C~80°C
	Humidity	5%~95% RH, no condensing
	Operation Vibration	0.5g rms/5~500Hz/random operating
	Protection	Anti lightning/surge/static electricity
	MTBF	≥60,000 hours
	OS	Linux

# Embedded Barebone

## BIS-1280

Interfaces:

BIS-1280 Front



BIS-1280 Interfaces



Dimension:

