

EM-3845X-P

Intel® Bay Trail™ E3845 Processor PC/104-Plus Module

产品功能

- ◆ Intel® Bay Trail™ E3845/J1900 CPU
- ◆ 板载 4GB DDR3 内存
- ◆ 板载 32G ~ 128G mSATA 电子盘 (可选)
- ◆ 板载 2 路带隔离 CAN 接口
- ◆ LVDS/CRT 显示接口
- ◆ 1 个 USB3.0, 3 个 USB2.0 接口
- ◆ 2 个 100/1000M I210 网络
- ◆ 4 个 RS232/485/422 接口
- ◆ 工作温度: -25°C to +75°C

扩展温度: -40°C to +85°C



技术参数

核心系统

CPU Intel® Bay Trail E3845/J1900 SOC CPU

E3845	1.91GHz	10W (TDP)
J1900	2.00GHz	10W (TDP)

显示

GPU Feature 7th Generation Intel® Processor SOC

Display Interface LVDS support
CRT support

操作系统支持

Standard Support	Windows 7/8 32/64-bit, Win10, Linux 32/64-bit
Extended Support	VxWorks 32/64-bit

I/O 接口

USB	1 x USB 3.0, 3 USB2.0
Serial	4 x RS232/RS485/RS422
SSD Disk	1 x 32G ~ 128G
CAN	2 x CAN
ETH	2 x 100/1000M GbE
I2C	2 x I2C

电源

Standard Input DC 5V 3A (or +12V)

机械尺寸及环境

Dimension	Mini size: 90mm x 96 mm x 15mm
Operating Temperature	Standard: -25°C to +75°C Extreme Rugged: -40 to +85°C (optional, E3845 only)
Humidity	5-90% RH operating, non-condensing 5-95% RH storage (operating with conformal coating)

订货信息

Part Number	CPU	Memory	LAN	USB	RS232	I2C	Display	SSD Disk	CAN	PC/104-Plus	mSATA/mPCIe Socket	Temp
EM-3845X	E3845	4G	2	4	4	2	LVDS+CRT				mSATA	-25 ~ +75°C
EM-3845X-32G	E3845	4G	2	4	4	2	LVDS+CRT	32G			mPCIe	-25 ~ +75°C
EM-3845X-CAN	E3845	4G	2	4	4	2	LVDS+CRT		CAN		mSATA	-25 ~ +75°C
EM-3845X-32G-CAN	E3845	4G	2	4	4	2	LVDS+CRT	32G	CAN		mPCIe	-25 ~ +75°C
EM-3845X-P	E3845	4G	2	4	4	2	LVDS+CRT			PLUS	mSATA	-25 ~ +75°C
EM-3845X-P-32G	E3845	4G	2	4	4	2	LVDS+CRT	32G		PLUS	mPCIe	-25 ~ +75°C
EM-3845X-P-CAN	E3845	4G	2	4	4	2	LVDS+CRT		CAN	PLUS	mSATA	-25 ~ +75°C
EM-3845X-P-32G-CAN	E3845	4G	2	4	4	2	LVDS+CRT	32G	CAN	PLUS	mPCIe	-25 ~ +75°C