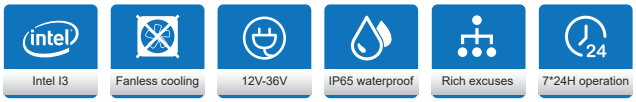
EPC-3080SCP-6100

The overall use of flat aluminum alloy panel, fanless fully enclosed integrated design. Meet the requirements of different equipment in different environments. It is widely used in industrial control, military, communication, power, network, intelligent self-service terminal equipment and other automation applications.

Features

- Professional applications in embedded terminal devices
- High precision die-casting aluminum molding, pure plane wire drawing.
- process design, dustproof and waterproof.
- Self-developed fanless X86 architecture industrial motherboard
- Conform to EMC anti electromagnetic interference standard.
- Industrial protection, applicable to various harsh environments.
- Equipped with dual networks, supporting 12-36V wide voltage power supply;
- Rich interfaces and strong extensibility.

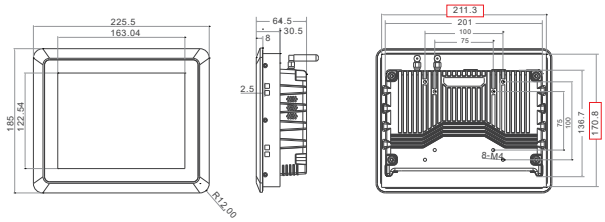


Product Model

Product Size	8”
Non-touch	EPC-3080SNT
Capacitive touch	EPC-3080SCP
Resistive touch	EPC-3080SRS

Product Interface

Product size



Physical Characteristics

Overall dimensions	W225.5x H185x D64.5mm
Size of opening	W213.3 x H172.8mm

Interface

DC	1*DC 2.5
HDMI	1*HDMI, Support HDMI data output, maximum support 1080P
USB	2*USB 2.0 2*USB 3.0
LAN	2*LAN,Dual 1000M adaptive Ethernet
AUDIO	1*Audio I/O,Support audio input and output
SMI card	Standard SIM card interface, supporting various standards (depending on 3G/4G module)
VGA	1*VGA
WIFI	2*WIFI
POWER	1*POWER
Industrial terminal	1*Industrial terminal

Product Reliability

Working Temperature	-10°C to 60°C
Storage temperature	- 20°C to 70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Authentication	CCC/CE/FCC/EMC/CB/ROHS
Waterproof	Front panel reaches IP65 protection level

Product Specifications

Screen Parameters

LCD Size	8" TFT LCD
Resolution	1024×768
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	800:1

Touch Screen

Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	4G DDR4(Optional 8G/16G/32G)	4G DDR4(Optional 8G/16G/32G)	8G DDR4(Optional 16G/32G/64G)
Storage	128G SSD (Optional 256/512G)		
WiFi	2.4GHz / 5GHz dual bands		
Bluetooth	BT4.0(Optional)		
Operating system	Windows7/10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8		
Other support	Support RTC real-time clock and timing switch		

Power parameters

Input voltage	DC 12V~36V	Static Power	18W

* All specifications and photos are subject to change without notice.