PP104A Series

10.4" Panel PC with Intel® Core™ Processor

Features

· 10.4" 1024*768 TFT LCD

Support for Intel® Core™i7 to Celeron Processors

· DDR3 memory up to 16G

· Resistive type touch screen panel

· SATAIII SSD or HDD Storage

· Single Gigabit Ethernet

· 4 * USB 2.0/1.1 ports , 1 * HDMI Port, 1 * RS232 port
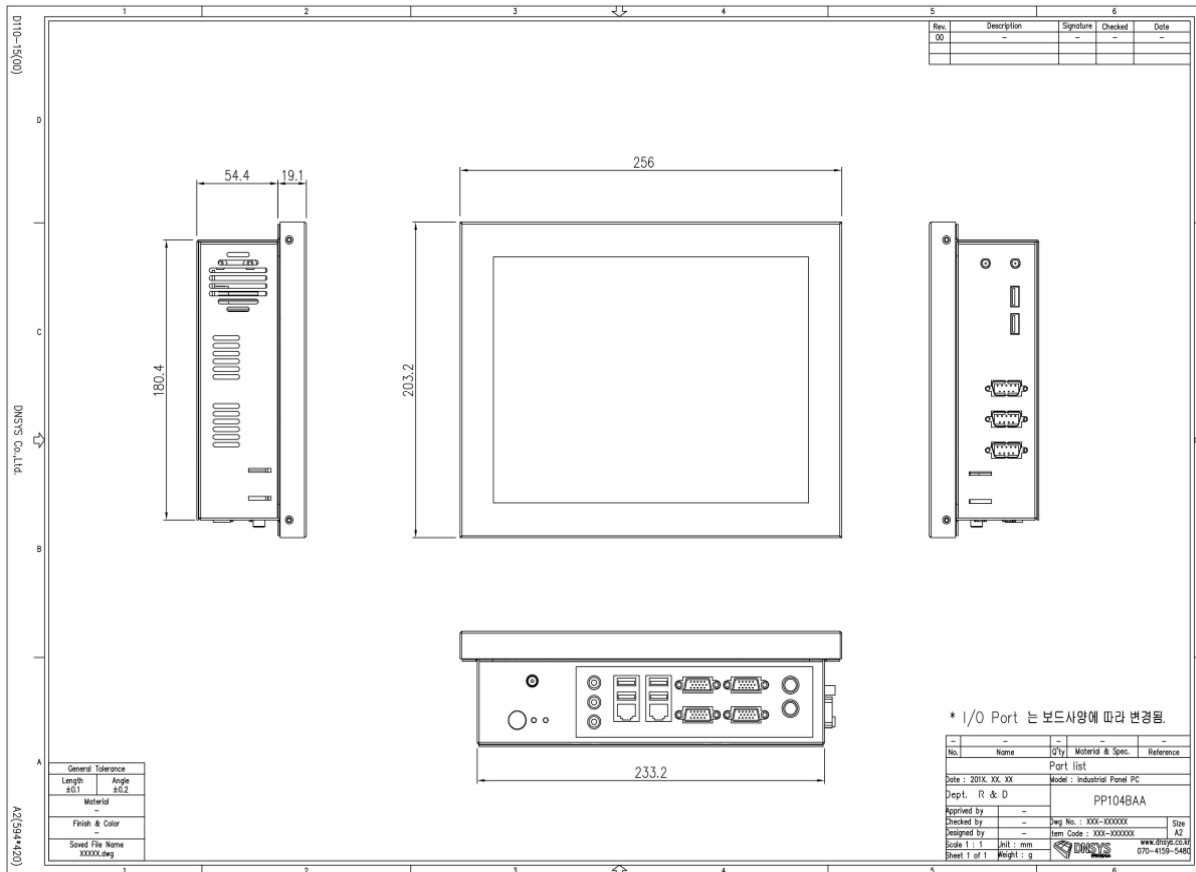
Introduction

PP104 seires is a top performing and highly expandable panel PC. Equipped with a 10.4" Color TFT LCD, it features high performance, multimedia devices, connectors, and 1 expansion sockets (PCI and PCIe) for high expansion capacity. Because of its multifunctional design, the PP104 series meets demands from multimedia applications and interactive kiosks that require big displays and powerful computing performance.

Specifications

PC	CPU	Support for Intel® Core™ i7 processors/Intel® Core™ i5 processors
		Intel® Core™ i3 processors/Intel® Pentium® processors/Intel® Celeron® processors
		in the LGA1150 package (Supports up to 84W)
	Chipset	Intel® H81 Express Chipset
	Memory	2 x 1.5V DDR3 SO-DIMM sockets supporting up to 16 GB of system memory
		Support for DDR3 1600/1333 MHz memory modules
	Expansion Slots	1 x PCI Express x4 slot (Supports 25W only)
		1 x Mini PCI Express x1 slot
	Storage	2 x SATA 6Gb/s connectors (SATAIII 0/1); 1 x SATA 3Gb/s device (SATAII 2)
		1 x mSATA 3Gb/s connector
	Audio	Realtek® ALC887 codec & High Definition Audio & 2/4/5.1/7.1-channel
	Ethernet LAN	1 x Realtek® GbE LAN chip (10/100/1000 Mbit)
	LVDS	Onboard 24-bits single channel LVDS connector
	USB	2 USB 3.0/2.0 ports; 7 USB 2.0/1.1 ports
	Rear Panel I / O	2 * USB 3.0/2.0 ports
		2 * USB 2.0/1.1 ports
		1 * RJ-45 port
		1 * Display port
		1 * HDMI port
		1 * DC in
		2 * Audio Jacks(Line out,Mic in)
	BIOS	Use of licensed AMI EFI BIOS
LCD	Size	10.4" TFT LCD
	Number of Pixel	1024*768(4:3)
	Backlight Unit	LED
	Brightness(cd/m2)	400
	Viewing Angle	70/70/60/60 (R/L/U/D)

Dimensions

256

203.2

54.4 19.1

180.4

233.2

* I/O Port 는 보드사양에 따라 변경됨.

General Tolerance	
Length ±0.1	Angle ±0.2
Material	
Finish & Color	
Saved File Name XXXXX.dwg	

Part list

Date : 201X. XX. XX Model : Industrial Panel PC
Dept. R & D
Apprived by — PP104BAA
Checked by — Dwg No. : XXX-XXXXXX   Size
Designed by — Item Code : XXX-XXXXXX   A2
Scale 1 : 1 Unit : mm
Sheet 1 of 1 Weight : g
www.dnsys.co.kr
070-4159-5480

Feature Details

Networking

Four serial ports and dual 10/100/1000 Mbps Ethernet port give the PP104 advanced networking capabilities and provide the best solution for versatile applications.

Expansion

To extend its functionality, the PP104 is designed with one expansion slots for one PCI and one PCIe card, one Mini PCIe slot, six USB 2.0 (Universal Serial Bus) ports, four COM ports. With these expansion capabilities, the PP104 not only functions as an HMI, but also as a computing center around which to build your application.

PP104A