

# 12" Industrial Panel PC

Interact with Ideas



## Features

- > Designed by Horsent, robust all-aluminum alloy casing
- > VESA panel mount and side buckle screws
- > Capacitive 10 points sensitive touchscreen technology
- > Vivid LED Backlight with 16.2 million color
- > Durable and reliable, Front IP65
- > Cost-competitive
- > Standard Brightness: 400 nit
- > Supported Windows 11/Linux
- > Intel® Core i3/i5/i7 Gen11/Celeron/Atom

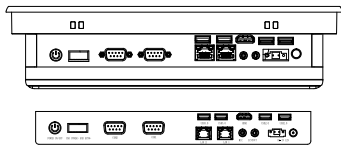
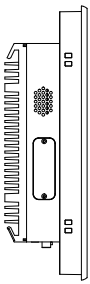
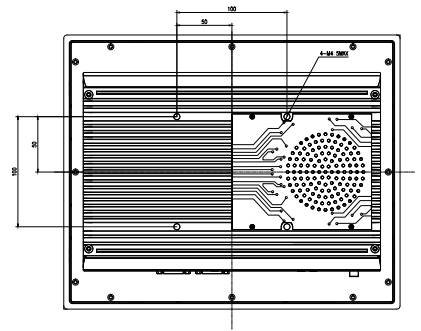
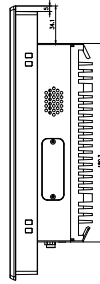
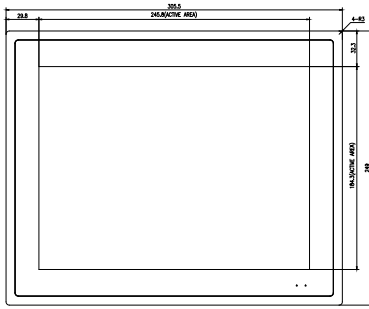
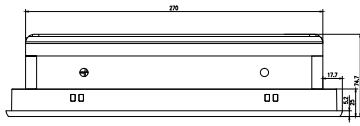
## Applications

- > Machinery
- > Engineering
- > Biology and Medical industry
- > Heavy industry

Product Name		12 inch industrial Panel PC
Product Model		H1252PA
LCD Panel	Size	12inch
	Aspect Ratio	4:3
	Backlight	LED
	Pixel Pitch	0.24mm x 0.24mm
	Active Area	Horizontal: 245.76mm Vertical: 184.32mm
	Best Resolution	1024 x 768 @ 60Hz
	Response Time	25ms
	Colors	16.2million
	Brightness	400nit
	Contrast Ratio	1200:1 (Standard Value)
	Viewing Angle (CR > 10)	Horizontal: 176° (88°/88°) Vertical: 176° (88°/88°)
Touch Screen	Touch Screen Type	Capacitive/Resistive Touch Screen(Optional)
	Cover Glass	3mm Chemical Strengthen
	Transparency	87%
	Hardness	7H
	Touch Point	10/Single
	Response Time	≤10 ms
	Touch Method	Finger / Capacitive Pen / Nylon Glove/ Wet Hand and Oil Stain
	Touch Lifespan	≥50,000,000 times
MotherBoard	Processor	Intel® Core i3/i5/i7 Gen11/Celeron/Atom
	Memory	DDR4 4GB/8GB/16GB
	Storage	SSD 128GB/256GB/512GB
	Support OS	Windows 11/ Windows 8/ Windows 10/ Linux
	Network	WiFi 802.11 b/g/n, Onboard Realtek 8111E Gigabit Ethernet
	USB Port	2x USB2.0, 2x USB3.0
	Interface	1x VGA out, 1x HDMI out , 2 x RJ45 1x Aviation Plug Power Interface, Support DC 12V 1x 2Pin Phoenix Terminal, Support DC 12V
	Audio	1xLine out(Green), 1x Mic in(Red), 2 x 3W Speaker Built in
	COM Port	2x DB9 RS232 , COM2 Support RS232/485/422 Switch , Support 9Pin with Power 1x 4 Pin Phoenix Terminal Support External Switch button and Power Indicator
	Overview	Dimension
Power Supply		External Adapter, Adapter Input: 100~240V AC, 50~60Hz Adapter Output: 12V DC/5A
Power Consumption		Max: 40W
Installation		Panel Mount VESA 100mm x 100mm and Side Buckle Screw
Accessory		Power Line 1.5m, CCC / EU / US / UK standard, Black(Optional) External Adapter 60W, Installation Buckle Screw
Temperature		Operating: -10°C~60°C; Storage: -20°C~70°C
Humidity		Operating: 10%~90%; Storage: 10%~90%
Operation Altitude		< 3000m
Heat Dissipation		Fanless design
Water Proof		Front IP65
MTBF		50,000 hours demonstrated
Net Weight		To be determined
Agency Approvals		FCC, CE, RoHS
Warranty		1 Year

TITLE: H1252PA-B64112

标记(mark)	修改内容(revised contents)
<1>	
<2>	



<b>Horsent</b>		成都合盛高科科技有限公司 Horsent Technology Co.,Ltd.			
Touch Technology: 触摸技术				RVE: 版本	V 1.0
Tolerance: 公差	± 0.1mm	Designed By: 设计	LY	View: 投影方式	
Unit: 单位	mm	Checked By: 审核	WH	Sheet: 页数	1 OF 1
Scale: 比例	1:1	Approved By: 批准	GCJ	Date: 日期	2023. 11. 09

DIMENSIONS ARE IN MILLIMETERS