

# BPF-3312-Z

12.1" Fanless Panel PC with Touch Screen, Atom™ N270, 2W Stereo Speaker, 6 COM, 6 USB, 12V DC Adapter

Panel PC



## Features

- » Fanless, aluminum front panel design
- » 12.1" TFT color panel display w/touch screen
- » Intel® Atom™ N270 processor
- » VGA, Gigabit Ethernet, Audio port
- » 2W Stereo Speaker
- » 1 x 2.5" SATA HDD space
- » 1 x CF, 1 x mini PCI socket
- » 6 x COM port, 6 x USB2.0 port
- » COM port voltage output
- » 12V DC adapter
- » Option for Wireless LAN module

## System

### LCD

Size: 12.1"  
Max. Resolution: 800 x 600 pixels  
Brightness: 400 cd/m<sup>2</sup>  
Max. Color: 262,144 colors/LVDS 6-bit  
Pixel Pitch: 0.3075 x 0.3075 mm

### Touch Screen

12.1" resistive

### SBC

HS-8601

### CPU

Intel® Atom™ N270 processor 1.6GHz

### System Chipset

Intel® 945GSE/ICH7-M

### System Memory

1 x 200-pin SO-DIMM, DDR2 533MHz, Max. 2GB

### Display Interface:

1 x D-SUB 15-pin  
1 x Brightness controller for CCFL

### Audio Interface

Audio jack for MIC In, Line Out  
2W Amplifier with Stereo Speaker

### Ethernet Interface

1 x RJ-45 for Gigabit Ethernet  
1 x mini PCI wireless LAN module (option)

### Storage

1 x 2.5" SATA HDD space  
1 x Type II CF socket

### Expansion Interface

1 x Type III mini PCI socket

### Watchdog Timer

Software programmable time-out intervals from 1~255 sec. or 1~255 min.

### H/W Status Monitor

Monitoring temperatures, voltages status

### Power

12V 84W DC adapter with lockable jack

### Operating/Storage Temperature

0~45°C/-20~+70°C

### Certification

FCC/CE Class A compliance  
IP65 front panel protection compliance

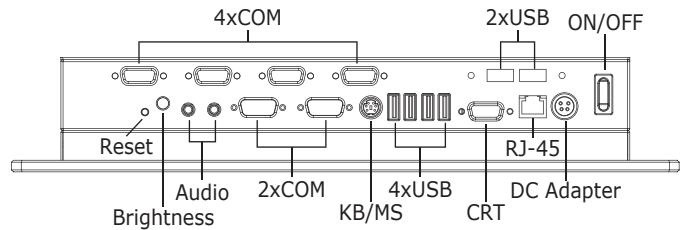
### Dimensions

34.5(L) x 26.5(H) x 5.8(W) cm

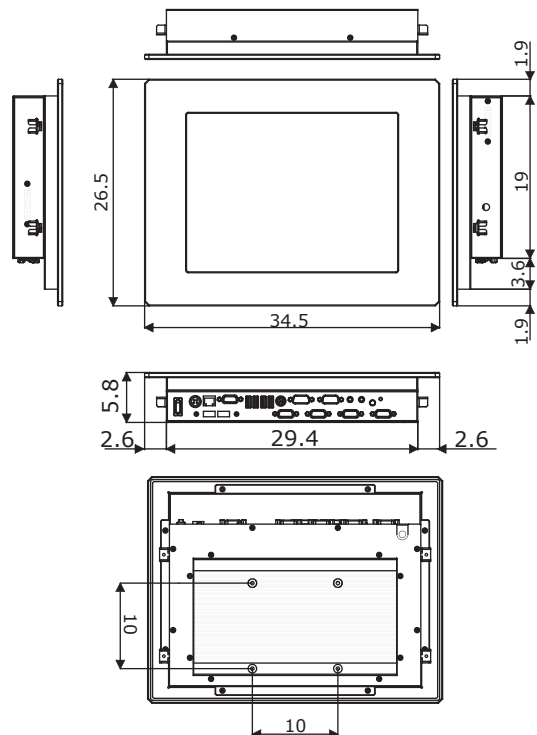
### Cut Out Size

29.8(L) x 23.0(H) cm

## I/O Interface



## Dimensions (unit:cm)



## Ordering Information

### BPF-3312-Z

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### Accessory Options

Table Top Metal Stand, Memory Module, CF Module, Wireless LAN Module, 2.5" SATA HDD