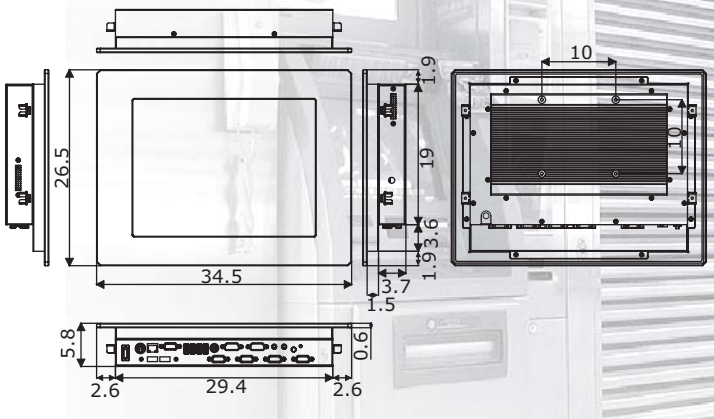
BPF-3312

12.1" Fanless Panel PC with Touch Screen, MainBoard, 12V DC Adapter
Provides Intel® Atom™ processor 1.6GHz, 2W AMP Stereo Speaker



Features

- *Fanless, aluminum front panel design*
- *12.1" TFT color panel display*
- *Built-in touch screen, Brightness Control, SBC+Intel® Atom™ N270 processor 1.6GHz, 12V DC adapter*
- *Onboard graphics, GB ethernet, audio controller*
- *1 x 2.5" SATA HDD space*
- *Provides 2W AMP with Stereo Speaker*
- *Provides CF, 1 x mini PCI, 6 x COM, 6 x USB2.0*
- *COM1 and COM2 provides +5V power output*
- *Option for Wireless LAN module*

System

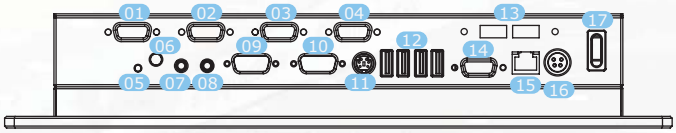
SBC Model
SBC
CPU
Intel® Atom™ N270 processor 1.6GHz
BIOS
Award PnP Flash BIOS
System Chipset
Intel® 945GSE/ICH7-M
System Memory
1 x 200-pin SO-DIMM socket up to 2GB DDR2 SDRAM
Display Chipset
Intel® 945GSE integrated Intel® GMA950
Audio Chipset
RealTek ALC202A
2W AMP with Stereo Speaker
Ethernet Chipset
RealTek RTL8111C 10/100/1000 Mbps LAN
Provides Wireless LAN Module (option)
Drive Bay
1 x 2.5" SATA HDD space
Storage
1 x Type II CF socket
Watchdog Timer
Software programmable time-out intervals from 1~255 sec. or 1~255 min.
Expansion Interface
1 x Type III Mini PCI socket
Dimensions (LxHxW)
34.5 x 26.5 x 5.8 cm
Cut Out Size (LxH)
29.8 x 23.0 cm
Operation/Storage Temperature
0~+45 degrees C/-20~+70 degrees C
EMC
FCC/CE
Front Panel Protection
IP65 compliance
Power Adapter
12V DC in 84W adapter (Lockable jack)

Display

LCD Size
12.1"
Max Resolution
800(H) x 600(V) pixels RGB strip arrangement
Brightness (cd/m²)
400 cd/m²(Typ.)
LCD Color
LVDS 6-bit, 262,144 colors
Pixel Pitch (mm)
0.3075 x 0.3075
Touch Screen
12.1" resistive

I/O Interface

External I/O
6 x COM, MIC In, Line Out, PS/2 KB/MS, 6 x USB2.0, VGA, LAN
Rear I/O



01. COM 6
02. COM 5
03. COM 4 (RS-232 or RS-422/485)
04. COM 3
05. Reset Button
06. Brightness
07. MIC In
08. Line Out
09. COM 2
10. COM 1
11. KB/MS
12. USB2.0 * 4
13. USB2.0 * 2
14. VGA
15. LAN
16. DC Adapter In
17. Main Power ON/OFF

Ordering Guide

- **BPF-3312**
  12.1" Panel PC w/TFT Panel, Touch Screen, Atom™ 1.6GHz CPU, 12V DC Adapter

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