

Fanless Box-PC 541 DSP

PKDS1012



The Fanless Box-PC 541 DSP is specifically designed to be mounted behind the large-size display device such as LCD TV or PDP. The Fanless Box-PC 541 DSP provides four independent HDMI and Audio outputs, GbE Ethernet with optional wireless and TV tuner connectivity, SATA DOM and 2.5" HDD drive bay for storage. The Fanless Box-PC 541 DSP operates on AMD Athlon™ 64 X2 series processors or PhenomII X4 processor. Powered by ATI GPU, the Fanless Box-PC 541 DSP can smoothly playback variety of high impact Full HD video. The Fanless Box-PC 541 DSP is an ideal media player for digital signage application to demonstrate high impact content by multiple displays.



Front Side



Rear Side

Main Features

- AMD Athlon™ 64/64 X2/AM3/PhenomII X4 Platform
- ATI Rrdeon E2400 GPU
- Slim and Compact Design
- 4x HDMI/4x Audio

- GbE LAN
- 6x serial ports
- WLAN and TV Tuner Support

Technical Specification

Main Board

- Support AMD AM2/AM3 Socket Athlon™ 64/64 X2/ PhenomII X4 processor

Chipset

- AMD 780/AMD SB710
- ATI Radeon E2400 GPU

Main Memory

- 2x 240-pin DIMM sockets, support DDR2 800MHz SDRAM memory module up to 4GB

I/O Interface-Front

- 1x HDD Status LED (Yellow)
- 1x Power Status LED (Green)

I/O Interface-Rear

- +12VDC-in
- 2x DB9 for RS232
- 4x serial ports (TX and RX only)
- 4x USB
- 1x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 4x Line-out
- 4x HDMI
- ATX Power-on switch
- 2x Antenna hole for WiFi and TV tuner module

Storage Device

- 1x SATA 2.5" HDD
- 1x SATA DOM

Expansion

- 1x Mini-PCIe optional for WLAN tuner module
- 1x Mini-PCIe optional for TV tuner module

Dimension

272 x 195 x 44 mm (W x D x H) w/o rubber stand

Power Supply

- 1x External 96W AC/DC adapter
- AC-in: 100 to 240VAC
- DC-out: +12VDC

Environment

- Operating Temperature:
Ambient with air flow from 0 to 40°C (HDD inside)
- Storage Temperature: -20 to 80°C
- Humidity: 10% to 90% (non-condensing)

Certification

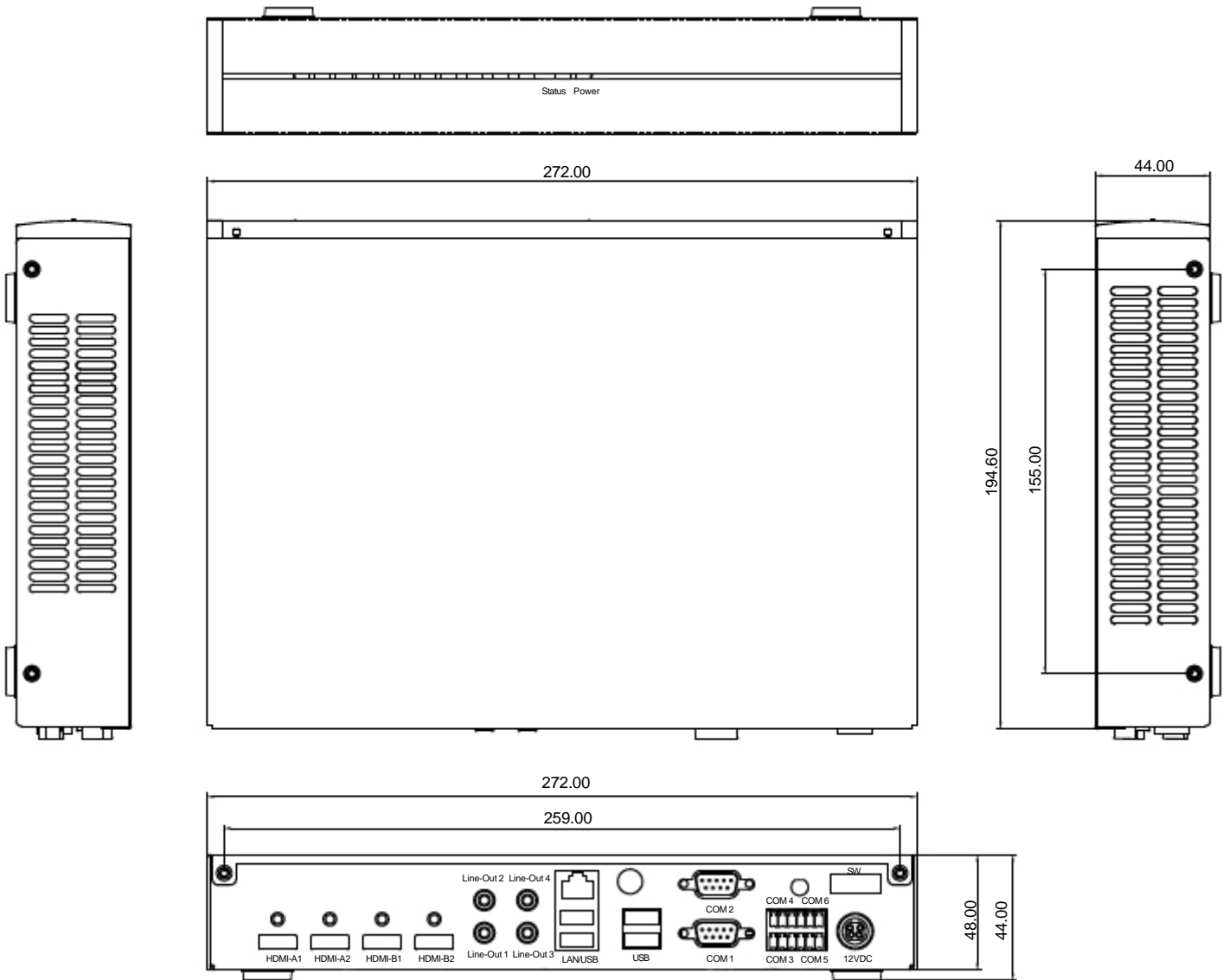
- CE approval
- FCC Class A



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Dimension Drawing



Ordering Information

PKDS1012 Fanless Box-PC 541 Barebone Digital Signage Player
HDMI/Audio/Gbe Ethernet/WLAN/TV tuner/SATA DOM/HDD

Options

| | | | |
|----------|--|------------|---|
| PZOC3035 | Intel Celeron M440 1.86GHz | PZSS5630 | DDR2-RAM 1GB SODIMM |
| PZOC3036 | Intel Celeron M575 2.0GHz Core Solo | PZSS5631 | DDR2-RAM 1GB |
| PZOC5011 | Intel Core Duo T2500 2.0GHz | PZSS5632 | DDR2 800 SDRAM 1GB |
| PZOC5020 | Intel Core2Duo T7400 2.13GHz | PZSS5633 | DDR3 1066 SDRAM 1GB |
| PZOC5021 | Intel Core2Duo T9400 2.53 GHz | PZSS5634 | DDR2-RAM 533 2GB SODIMM |
| PZOC5022 | Intel Core2Duo P8600 2.4GHz | PZSS5635 | DDR2 2GB |
| PZOC5023 | Intel Core2Duo P8400 2.26GHz | PZSS5636 | DDR2 800 2GB |
| PZOC2006 | AMD Athlon 64 2600+ Single Core 1.6GHz | PZSS5637 | DDR3 1333 SDRAM 2GB |
| PZOC2007 | AMD Athlon 64 3100+ Single Core 2.0GHz | PZSH5510-1 | HDD 80GB 2.5" SATA, 8MB, 12ms |
| PZOC2008 | AMD Athlon 64 3400e Dual Core 1.8GHz | PZSH5506-1 | HDD 160GB 2.5" SATA RoHS, 8MB, 11ms |
| PZOC2009 | AMD Athlon 64 3400+ Dual Core 1.8GHz | PSBX1029 | Win. XP Prof. w/ installation |
| PZOC2010 | AMD Athlon 64 420000+ Dual Core 2.2GHz | PSBX1041 | Win. XP Prof. multilanguage w/ installation |