

Fanless Box-PC 540 DSP

PKDS1006



The Fanless Box-PC 540 DSP is specifically designed to be mounted behind the large-size display device such as LCD TV or PDP. The Fanless Box-PC 540 DSP provides four independent DVI and Audio outputs, dual GbE Ethernet with optional wireless connectivity, CF and 2.5" HDD drive bay for storage. The Fanless Box-PC 540 DSP operates on AMD low power Athlon™ 64 X2 series processors. The Fanless Box-PC 540 DSP is ideal media player for digital signage applications demonstrate high impact contents by multiple displays.



Front Side



Rear Side

Main Features

- AMD Athlon™ 64/ 64 X2 AM2 Platform
- ATI Radeon E2400 GPU
- Slim and Compact Design
- 4x DVI/4x Audio
- Dual GbE LAN
- 6x serial ports
- TV Tuner/WLAN Support

Technical Specification

Main Board

- Support AMD AM2 Socket Athlon™ 64/64 X2 series processor

Chipset

- AMD M690E/AMD SB600
- ATI Radeon E2400 GPU

Main Memory

- 2 x 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
- 2x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 4x Line-out
- 4x DVI (2x DVI-I and 2x DVI-D)
- ATX Power-on switch
- 1x Antenna hole for WiFi or TV tuner module

Storage Device

- 1x SATA 2.5" HDD
- 1x CF type I/II

Expansion

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

Dimension

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

Power Requirements

- 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

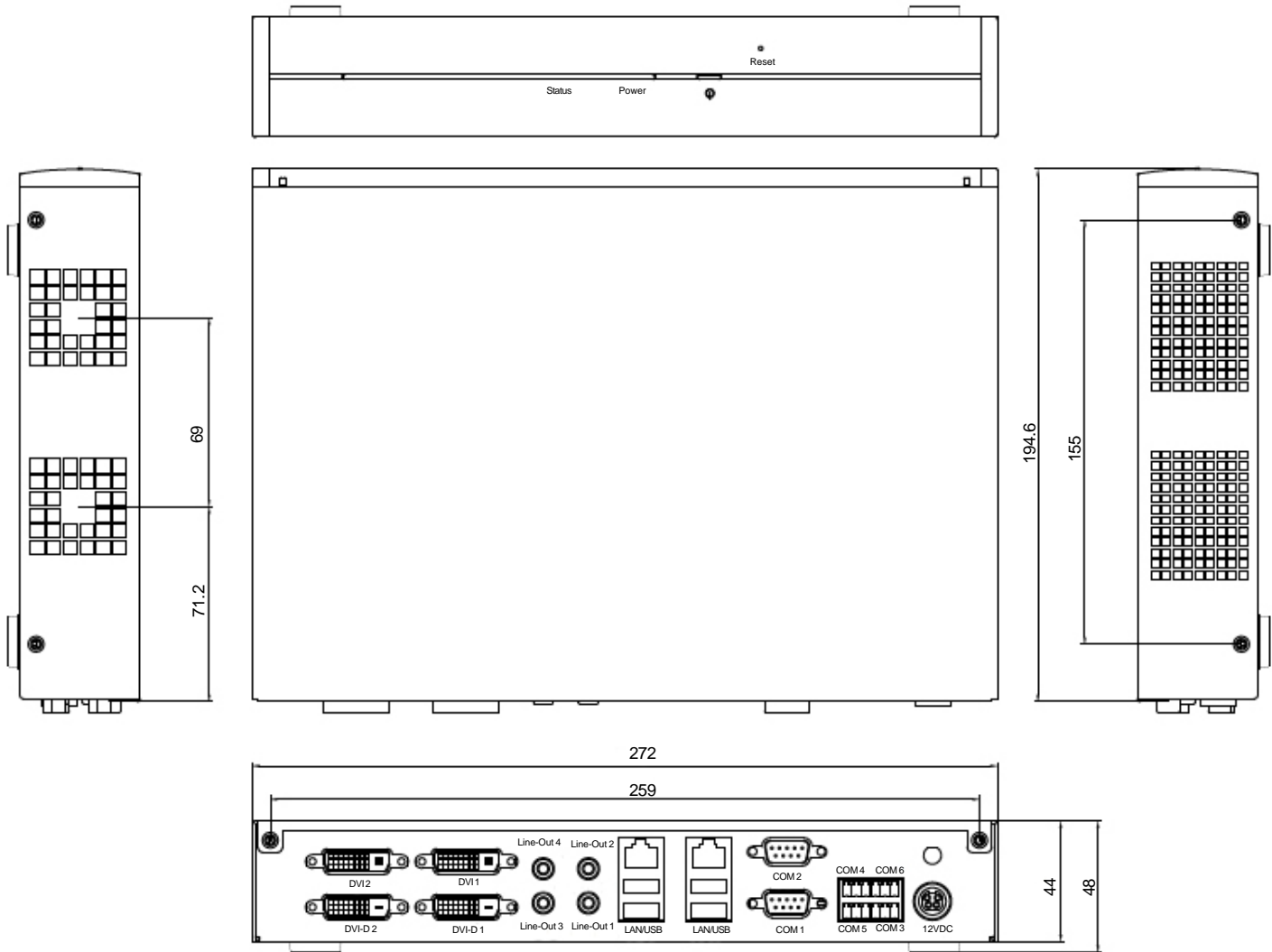
- CE approval
- FCC Class A



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Dimension Drawing



Ordering Information

PKDS1006 Fanless Box-PC 540 Barebone Digital Signage Player
DVI/Audio/dual Gbe Ethernet/WLAN/CF/HDD

Options

PZOC3035 Intel Celeron M440 1.86GHz
 PZOC3036 Intel Celeron M575 2.0GHz Core Solo
 PZOC5011 Intel Core Duo T2500 2.0GHz
 PZOC5020 Intel Core2DuoT7400 2.13GHz
 PZOC5021 Intel Core2Duo T9400 2.53 GHz
 PZOC5022 Intel Core2Duo P8600 2.4GHz
 PZOC5023 Intel Core2Duo P8400 2.26GHz
 PZOC2006 AMD Athlon 64 2600+ Single Core 1.6GHz
 PZOC2007 AMD Athlon 64 3100+ Single Core 2.0GHz
 PZOC2008 AMD Athlon 64 3400e Dual Core 1.8GHz
 PZOC2009 AMD Athlon 64 3400+ Dual Core 1.8GHz
 PZOC2010 AMD Athlon 64 420000+ Dual Core 2.2GHz

PZSS5630 DDR2-RAM 1GB SODIMM
 PZSS5631 DDR2-RAM 1GB
 PZSS5632 DDR2 800 SDRAM 1GB
 PZSS5633 DDR3 1066 SDRAM 1GB
 PZSS5634 DDR2-RAM 533 2GB SODIMM
 PZSS5635 DDR2 2GB
 PZSS5636 DDR2 800 2GB
 PZSS5637 DDR3 1333 SDRAM 2GB
 PZSH5510-1 HDD 80GB 2.5" SATA, 8MB, 12ms
 PZSH5506-1 HDD 160GB 2.5" SATA RoHS, 8MB, 11ms
 PSBX1029 Win. XP Prof. w/ installation
 PSBX1041 Win. XP Prof. multilanguage w/ installation