

Fanless Box-PC 163F DSP

PKDS1004



The Fanless Box-PC 163F Digital Signage Player features Intel® Core™ 2 Duo, Celeron® family processors with 1.066/667MHz as T9400 based on GM45 integrated graphics solution. Furthermore, the Fanless Box-PC 163F Digital Signage Player supports dual display by DVI, HDMI, and CRT with dual independent audio output.



Main Features

- Support Intel® Core™ 2 Duo Processor T9400 2.53 GHz
- Up to 8 GB with un-buffered and non-ECC DDR3 800/1.066 MHz SDRAM
- Intel® GMA 4500MHD Integrated Graphics Engine
- Dual independent display support
- 1x Intel® 82574 Gigabit Ethernet Controller
- 2x Mini-PCIe for TV Tuner/WLAN Modules

Technical Specification

CPU Support

- Support Intel® Core™ 2 Duo/Celeron® family processors with 1.066/667 MHz Core™ 2 Duo Processor T9400 2.53GHz

Chipset

- Intel® GM45 Graphics and Memory Controller Hub
- Intel® 82801IBM I/O Controller Hub

Main Memory

- 2x 240-pin 25° angled DIMM, up to 8GB with un-buffered and Non-ECC DDR3 800/1.066 MHz SDRAM

I/O Interface-Front

- 2x USB 2.0
- 1x COM1 (RS232)
- 1x COM2 (RS232)
- GPIO Terminal Port (4 in, 4 out)

I/O Interface-Side

- 1x +12VDC-in
- 2x LED for PW and HDD
- 1x ON/OFF Power Switch
- 1x VGA
- 1x DVI-D
- 1x HDMI
- 2x USB 2.0
- 1x RJ45 with LED
- 1x SPDIF
- 1x Audio Out
- 2x Antenna hole for WiFi and TV Tuner

Storage

- 1x 2.5" SATA HDD Bay
- 1x u-DOM socket

Expansion

- 2x Mini-PCIe socket support Wireless LAN module and TV-tuner module

Dimensions

280 x 210 x 40.4 mm (W x D x H) w/o mounting bracket

Construction

- Top cover made by Aluminum for main heat exchange
- Chassis made by steel in black

Power Requirements

- 1x external +12VDC output 150W Adapter
- Support ATX power mode

Environment

- Operating temperatures: 0°C to 40°C
- Storage temperature: -40°C to 80°C
- Relative humidity (non-condensing): 95%

Certification

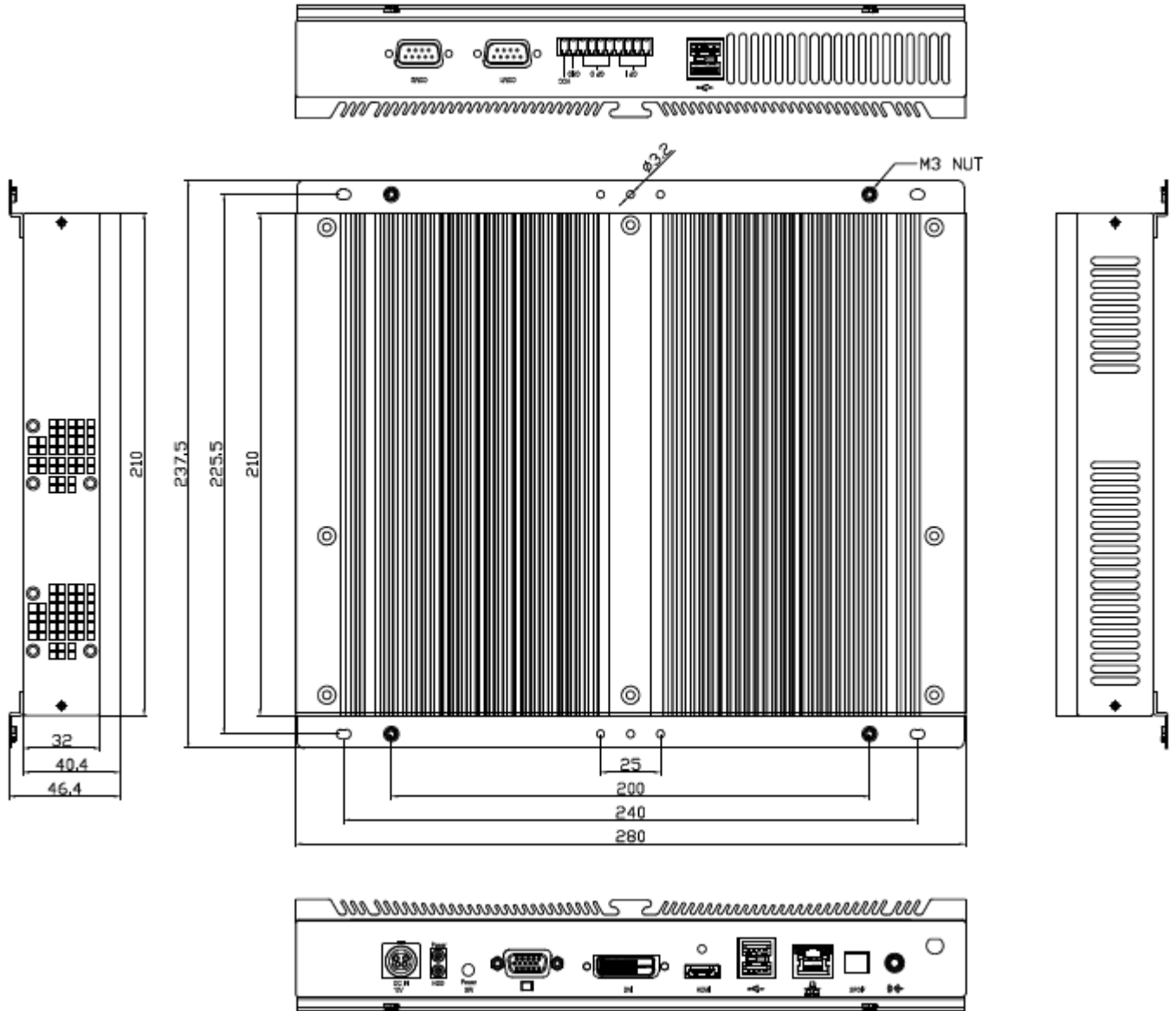
- CE approval
- FCC class A



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Dimension Drawing



Ordering Information

PKDS1004 Fanless Box-PC 163F Barebone Digital Signage Player
Dual display DVI, HDMI and CRT/WLAN/TV support

Options

PZOC3035	Intel Celeron M440 1.86GHz	PZOC2009	AMD Athlon 64 3400+ Dual Core 1.8GHz
PZOC3036	Intel Celeron M575 2.0GHz Core Solo	PZOC2010	AMD Athlon 64 420000+ Dual Core 2.2GHz
PZOC5011	Intel Core Duo T2500 2.0GHz	PZSS5633	DDR3 1066 SDRAM 1GB
PZOC5020	Intel Core2DuoT7400 2.13GHz	PZSS5635	DDR2 667 2GB
PZOC5021	Intel Core2Duo T9400 2.53 GHz	PZSS5637	DDR3 1333 SDRAM 2GB
PZOC5022	Intel Core2Duo P8600 2.4GHz	PZSH5510-1	HDD 80GB 2.5" SATA, 8MB, 12ms
PZOC5023	Intel Core2Duo P8400 2.26GHz	PZSH5506-1	HDD 160GB 2.5" SATA, 8MB, 11ms
PZOC2006	AMD Athlon 64 2600+ Single Core 1.6GHz	PSBX1029	Win. XP Prof. w/ installation
PZOC2007	AMD Athlon 64 3100+ Single Core 2.0GHz	PSBX1041	Win. XP Prof. multilanguage w/ installation
PZOC2008	AMD Athlon 64 3400e Dual Core 1.8GHz		