

Fanless Box-PC 120-A DSP

PKDS1000-1



Powered by Intel® Atom™ N270 processor, the Fanless Box-PC 120-A DSP can play variety of multimedia contents but consumes little power. The Fanless Box-PC 120-A DSP supports VGA + DVI-D 2 independent display, 4 USB 2.0 ports, Giga LAN and RS232 COM port. With HD video decoder, the Fanless Box-PC 120-A DSP can smoothly playback Full HD video. The Fanless Box-PC 120-A DSP is suitable as an entry level Digital Signage player for advertising, hospitality and promotion activity applications.



Front Side



Rear Side

Main Features

- Intel® Atom™ N270 Platform with HD video decoder
- Lower power consumption
- Slim and fanless

- Dual independent display
- Hyper-Threading Support

Technical Specification

CPU

- Intel® Atom™ N270 1.6 GHz CPU onboard

Chipset

- Chipset 945GSE + ICH7M
- Intel® GMA 950 Graphic Engine
- HD video decoder

Main Memory

- 1x SO-DIMM, DDR2 400/533, up to 2GB

I/O Interface-Front

- 1x LED Power-On
- 1x LED Storage

I/O Interface-Rear

- 1x DB9 RS232 COM port
- 1x DB15 VGA port
- 1x DVI-D port
- 4x USB 2.0 port
- 1x RJ45 with LEDs for 10/100/1000 Mbps Ethernet
- 1x Line-out
- 1x Line-in
- 12VDC Power In

Storage

- 1x 2.5" SATA HDD Bay

Dimensions

- 272 x 195 x 44 mm (W x D x H) w/o mounting bracket

Power Supply

- 1x External 60W AC/DC power adaptor
- Input: 100 to 240VAC
- Output: 12VDC

Environment

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

Certification

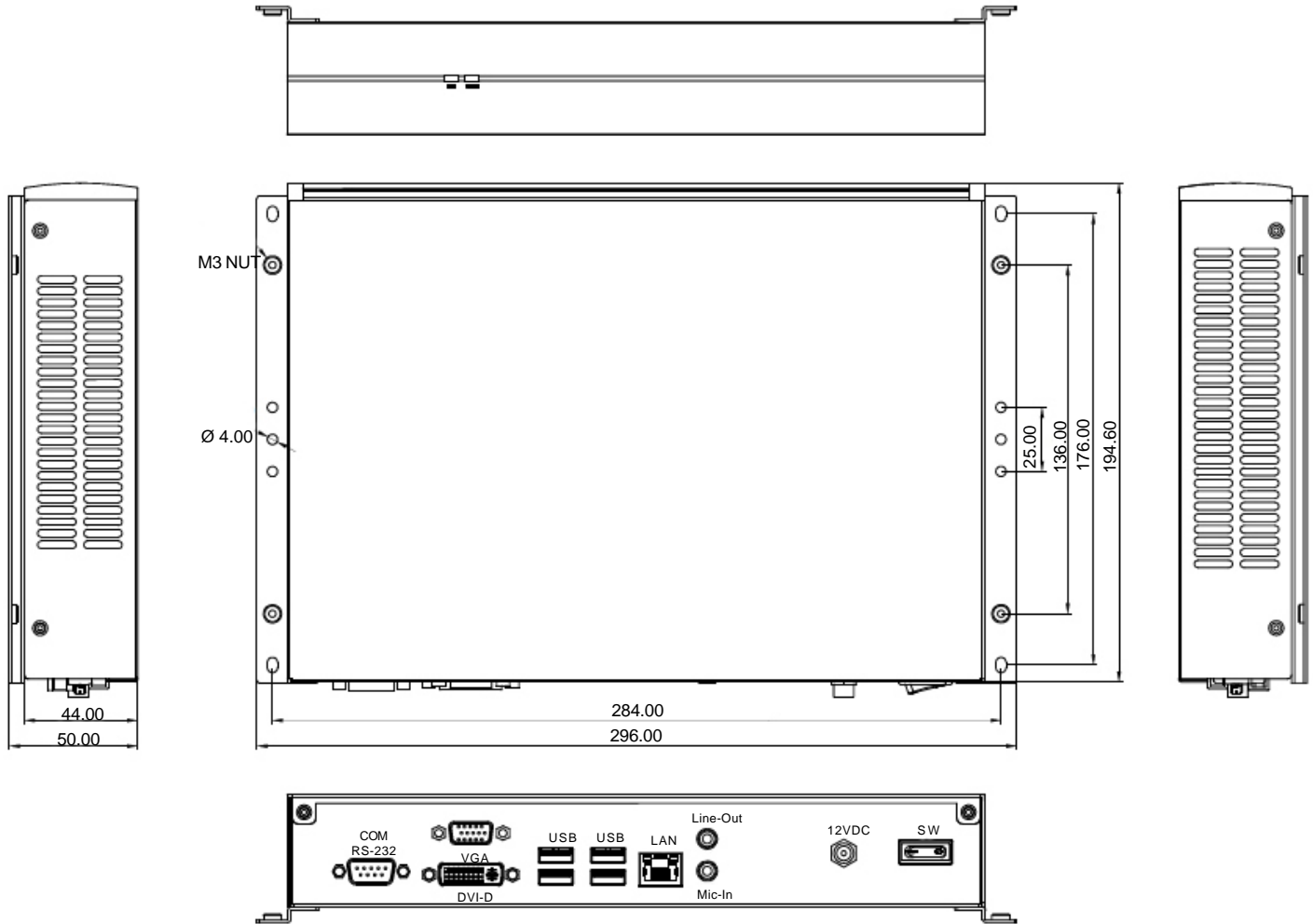
- CE approval
- FCC Class A

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Dimension Drawing



Ordering Information

PKDS1000-1 Fanless Box-PC 120-A Barebone Digital Signage Player
VGA/DVI-D/USB/LAN/COM/HD video decoder

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 Core2DuoT7400 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