

Fanless Box-PC 120 DSP

PKDS1000



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



Front Side



Rear Side

Main Features

- Intel® Atom™ N270 Platform
- Lower power consumption
- Slim and fanless

- Dual independent display
- Hyper-Threading Support
- TV tuner/WLAN Support

Technical Specification

CPU

- Intel® Atom™ N270 1.6 GHz CPU onboard

Chipset

- 945GSE + ICH7M
- Intel® GMA 950 Graphic Engine

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 Line-out
- 1x Line-in
- 1x RJ45 with LEDs for 10/100/1000 Mbps Ethernet
- 1x Antenna hole for WiFi
- 12VDC Power In

Storage

- 1x 2.5" SATA HDD Bay

Expansion

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

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

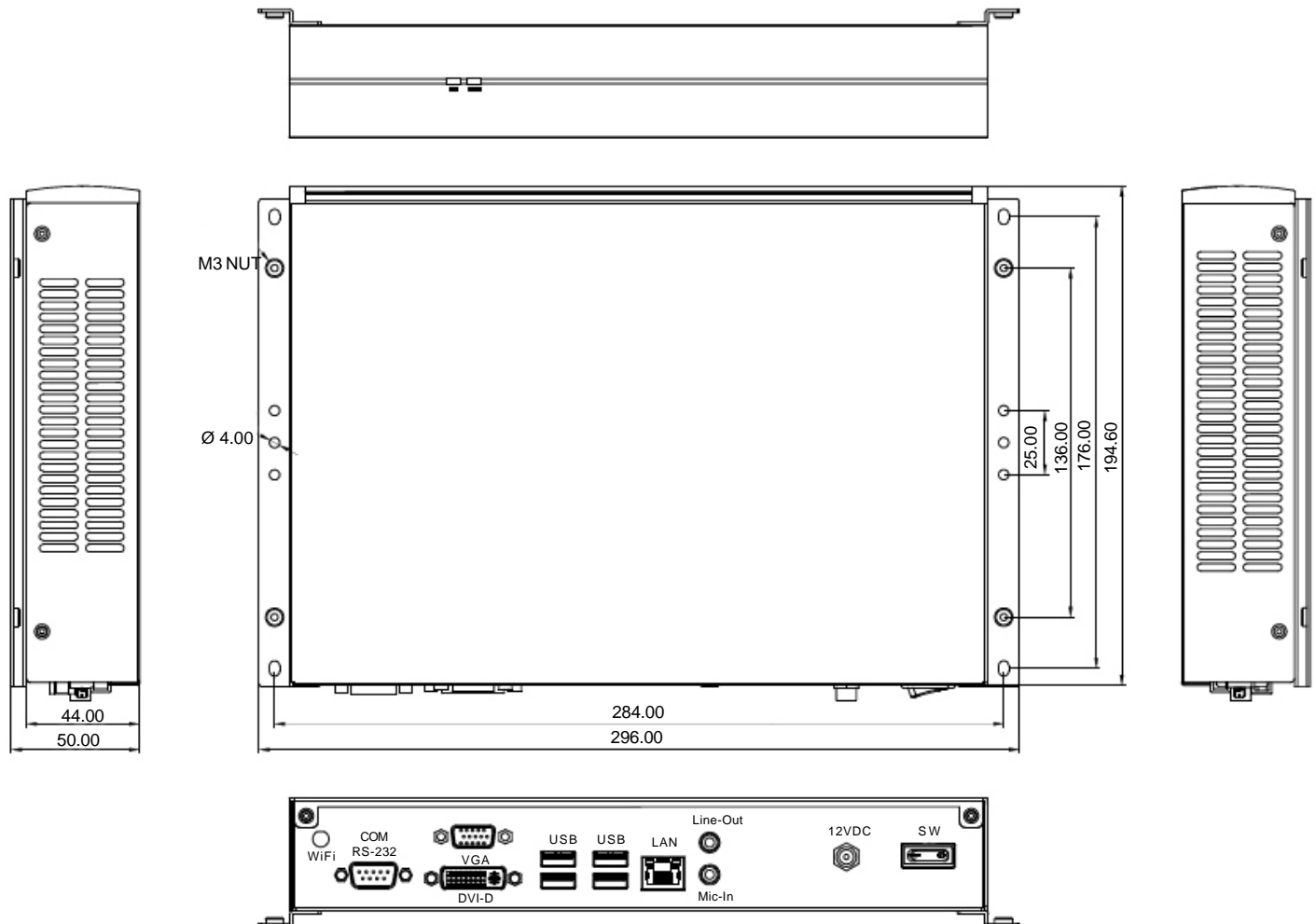
- CE approval
- FCC Class A

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Dimension Drawing



Ordering Information

PKDS1000 Fanless Box-PC 120 Barebone Digital Signage Player
VGA/DVI-D/USB/Mini PCIe/LAN/COM

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