



NPE-1004

Digital Signage Player with AMD Athlon™ 64 X2 system for 4 independent Display and Audio ports



Main Features

- Powerful Digital Signage Player with AMD Athlon™ 64/ 64 X2 AM2 Processors
- Slim and Compact Design
- AMD 690E/SB600 solution
- 1 x 2.5" HDD Storage/ 4 x DVI/ 4 x Audio/ Dual GbE LAN/ 4 x USB/ 6 x Serial ports
- +12V DC-in/ ATX support

Product Overview

NPE-1004 series is presented by TTUFF Technologies for unique Digital Signage applications. The NPE-1004 is specifically designed to be mounted behind any flat panel display and is capable of driving up to four independent DVI and audio interfaces. Powered by AMD lower power Athlon™ 64 series processors, this player is designed to run in 24/7 applications Equipped with dual Gbe Ethernet with a wireless connectivity option.

Specifications

Main Board

- Support AMD AM2 Socket Athlon™ 64/ 64 X2 series processor
- AMD Embedded Processor List (Longevity CPU):
Athlon™ 64 X2 4200+, 2.2GHz
Athlon™ 64 X2 3400+, 1.8GHz
Athlon™ 64 3100+, 2.0GHz
Athlon™ 64 3000+, 1.8GHz
Athlon™ 64 2600+, 1.6GHz
- Athlon™ 64 2000+, 1.0GHz
- AMD M690E / AMD SB600

Main Memory

- 2 x 240-pin DIMM sockets, support DDR2 800MHz SDRAM memory module up to 4GB
Note: Maximum size up to 4GB. The actual capacity depends on OS resource allocation.

I/O Interface-Front

- 2 x LED for Power-on and Storage

I/O Interface-Rear

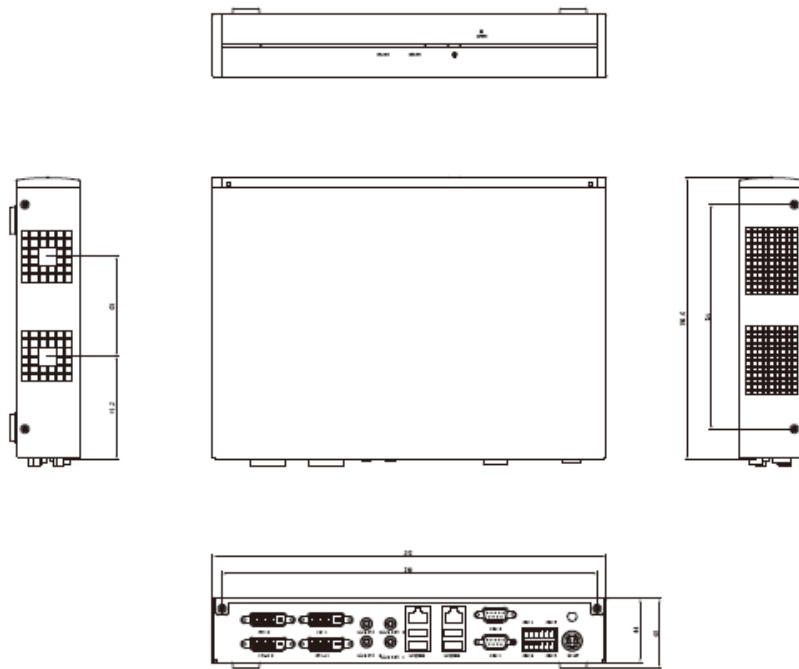
- +12V DC-in
- 2 x DB9 for RS-232
- 1 x terminal port for 4x TX/RX of RS-232
- 4 x USB
- 2 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 4 x Line-out
- 4 x DVI (2 x DVI-I and 2 x DVI-D)
- ATX Power-on Switch
- Reserved Hole for WiFi Antenna

Device

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



Dimension Drawing



Expansion Slot

- 1 x mini-PCIe optional for wireless module

Dimensions

- W: 260mm; D: 182mm; H: 45 mm (w/o rubber stand)

Construction

- Front panel by Aluminum
- Chassis made by steel in Black

Power Input

- 1 x External 120W AC/DC adapter
- AC-in: 100~240VAC
- DC-out: DC+12

Environment

- Operating Temperature: Ambient with air flow from 0~4
- Storage Temperature: -20~60°C, Humidity: 10~95% @ 40°C (Non-condensing)

Certification

- CE / FCC Class A approval

