



NPE-1662

Digital Signage Player with AMD Athlon™ 64 Fan-less system



Main Features

- Powerful Digital Signage Player with AMD Athlon™ 64 AM2 Processors
- FANLESS Thermal Design
- AMD 690E/SB600 solution
- DVI/VGA/ u-DOC/ Audio/ SPDIF/ GbE LAN/ USB
- +12V DC-in/ ATX support
- 1 x SATA 2.5" HDD/ CF (Optional)

Product Overview

NPE-1662 series is presented by TTUFF Technologies for unique Digital Signage applications. The NPE-1662 is specifically designed to be mounted behind any flat panel display and operates on low power AMD Athlon 63 processors. Its fan-less thermal design can help reduce maintenance costs and operate in 24/7 environments. The NPE-1662 provides DVI and VGA interfaces, one GbE Ethernet with optional wireless connectivity, USB 2.0 ports and 2.5" HDD bay for storage.

Specifications

Main Board

- NEX 662
- Support AMD AM2 Socket Athlon™ 64 series processor
- AMD Embedded Processor List (Longevity CPU):
Athlon™ 64 3100+ (FANLESS)
Athlon™ 64 2600+ (FANLESS)
Athlon™ 64 2000+ (FANLESS)

Chipset

- AMD M690E / AMD SB600, AMD M690T (Optional)
- Integrated ATI X700 Graphic Controller

Main Memory

- 1 x DIMM Socket angled 25°, support DDR2 800MHz SDRAM with un-buffered and Non-ECC memory module up to 2GB

I/O Interface-Front

- 1 x DB9 for RS232
- 1 x DVI-I Connector for DVI-D Signal Only
- 1 x Phone-jack for Line-out
- 2 x LED for Power-on and Storage
- 2 x USB
- ATX Power-on and Reset button



I/O Interface-Side

- 1 x DVI-I Connector for CRT & DVI-D
- 1 x S-Video (Optional, with AMD 690T)
- 1 x Phone-jack for Compositive Video (Optional, with AMD 690T)
- 1 x RJ45 with LED for 10/100/1000Mbps Ethernet
- 2 x USB
- 1 x S/PDIF
- 1 x Phone-jack for Line-out
- Option antenna for WiFi
- +12V DC-in Power

Storage

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

Expansion Slot

- 1 x mini-PCIe optional for wireless module

Dimensions

- W: 280mm; D: 210mm; H: 40.7mm (without mount-bracket)

Construction

- Top Cover made by Aluminum for main heat exchange
- Chassis made by steel in Black

Power Input

- 1 x External 80W AC/DC adapter
- AC-in: 100-240VAC
- DC-out: DC+12V

Environment

- Operating Temperature: Ambient with air flow from 0°C ~ 45°C (HDD inside)
- Storage Temperature: -20°C ~ 60°C, Humidity: 10% ~ 95% @ 40°C (Non-condensing)

Certification

- CE approval
- FCC