

# QDSP-1100

Fanless Box PC with Industrial 3.5" Embedded SBC  
- AMD Turion™ 64, Mobile Sempron™ Processor



- Fan-less design and compact size
- 3.5" embedded SBC  
AMD Turion™ 64, Mobile Sempron™ (Socket S1) with the high integration of the ATI M690E/SB600 chipset
- M690E X1250 graphics core, 24-bit dual-channel LVDS, HDMI
- USB 2.0, GbE LAN, COM, VGA, , HD Aduio
- 1x 2.5" SATA hard drive bay
- Rugged aluminum chassis with integrated cooling solution



## Product Overview

The QDSP-1100 is a compact Fanless Box PC ideal for space critical applications. This embedded hardware platform is based on a 3.5" industrial SBC support AMD Turion™ 64, Mobile Sempron™ (Socket S1) Processor, ATI M690E/SB600 chipset, and DDR2-667 SO-DIMM up to 2GB. Featured are a 2.5" SATA hard drive bay, 1x PCI-e GbE, USB 2.0, VGA, HDMI, COM (RS-232), and PS/2 KB/MS.

The QDSP-1100 provides high reliability for harsh environments, compact size, noiseless operation and is highly suited to a wide range of industrial applications such as Digital Signage, Gaming, transportation, Surveillance, and Thin Servers.

## Technical Information

<b>Construction</b>	Aluminum extrusion
<b>System Board</b>	3.5" Embedded SBC, AMD Turion™ 64, Mobile Sempron™ (Socket S1) Processor, ATI M690E/SB600 chipset
<b>Memory</b>	DDR2-667 SO-DIMM up to 2GB
<b>Rear I/O</b>	1x 10/100/1000 LAN (RJ45) 1x serial port (RS-232) VGA (DB-15) HDMI(480p, 720p, 1080i) 4x USB 2.0 PS/2 Keyboard, Mouse (Mini DIN) Power Switch, Power LED, HDD LED
<b>Drive Bays</b>	1x 2.5" Hard Drive Bay (SATA)
<b>Power Supply</b>	50W power adapter (100V - 240VAC)

<b>Cooling</b>	Fanless
<b>Shock</b>	Operating: 10 g / 11ms; Storage: 50 g / 11ms (half-sine)
<b>Vibration</b>	Operating (IEC 68-2-64 Fh): 5-500Hz, 1 g (rms) / 3-axes Storage (IEC 68-2-6 Fc): 5-500Hz, 2 g (rms) / 3-axes
<b>Temperature / Humidity</b>	Operating: 0°C to 45°C, 00%-90%, non-condensing Storage: -20°C to 80°C, 0%-90%, non-condensing
<b>Dimensions</b>	261 x 35.5 x 187mm (WxHxD)
<b>Weight</b>	- kg
<b>Mounting</b>	Wall-mount
<b>Certifications</b>	CE, FCC Class A