

KUBE-8110

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



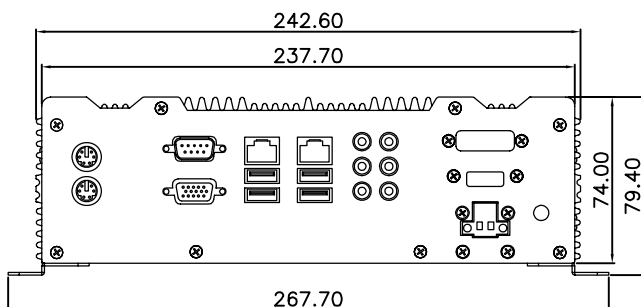
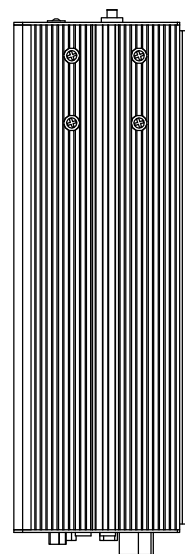
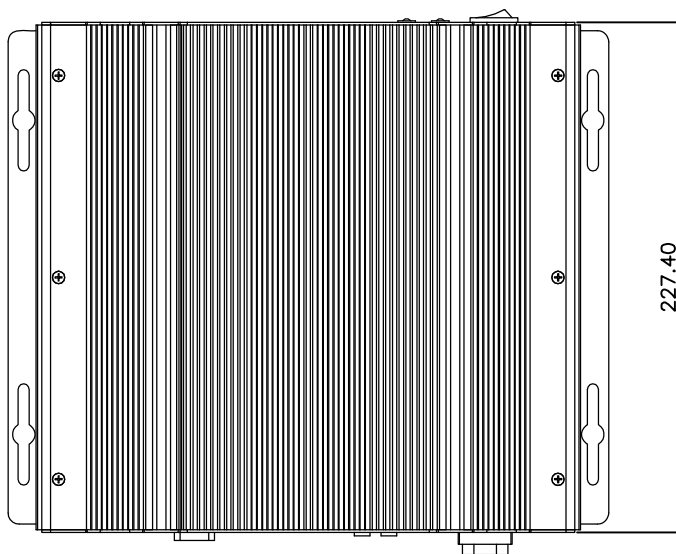
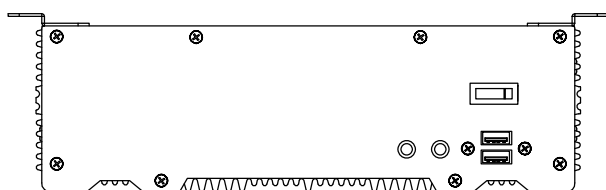
- Fanless design with Mini-ITX embedded motherboard
- AMD Turion™ 64, Mobile Sempron™ (Socket S1)
with the high integration of the ATI M690E/SB600 chipset
- M690E X1250 graphics core, 24-bit dual-channel LVDS, HDMI, DDR2 up to 4GB
- Compact size: 242.6 x 227.4 x 74.0 mm
- 2x Gigabit Ethernet, 2.5" HDD, COM port, Mini PCI slot, USB
- Optional DVI, HDMI and WiFi
- Rugged aluminum chassis with integrated cooling solution

Product Overview

The KUBE-8110 is a compact Fanless Box PC ideal for space-critical applications. This powerful embedded hardware platform supports AMD Turion™ 64, Mobile Sempron™ (Socket S1) Processor, ATI M690E/SB600 chipset, and DDR2 up to 4GB. Featured are a 2.5" SATA HDD, and Mini PCI slot, dual Gigabit Ethernet, USB 2.0, VGA, optional DVI and HDMI, serial port, and PS/2 KB/MS.

The KUBE-8110 provides high performance, reliability for harsh environments, compact size, noiseless operation and is highly suited to a wide range of industrial applications such as Kiosk, ATM, Gaming, Transportation, Entertainment, Surveillance, and Thin Servers. Wall and desktop mounting supported.

Mechanical Drawings



Technical Information

Standard Color	Black
Construction	SECC t=1.0mm chassis & aluminum extrusion
Processor	AMD Turion™ 64, Mobile Sempron™ (Socket S1) Processor
Chipset	ATI M690E/SB600 chipset
Memory	2x DIMM DDR2 400/533/667 dual channel up to 4 GB
Front I/O	Power Switch Power LED HDD Activity LED 2x USB ports
Rear I/O	2x Gigabit Ethernet 1x Serial Port 4x USB 2.0 VGA port DVI-I, HDMI (optional) Mic-in, Line-in, Line-out (HD audio) PS/2 Keyboard, Mouse WiFi (optional)
Internal Storage	1x 2.5" SATA HDD
Expansion Slots	Mini PCI slot

Power Supply	DC 15-35V (optional AC adapter)
Cooling	Fanless, integrated cooling solution
Temperature/ Humidity	Operating: 0°C to 50°C, 10%-90%, non-condensing Storage: -20°C to 80°C, 10%-90%, non-condensing
Vibration	Operating (IEC 68-2-64 Fh): 5-500Hz, 1g (rms) / x, y-axes ; 0.7g (rms) / z-axis Storage (IEC 68-2-6 Fc): 5-500Hz, 2g (rms) / 3-axes
Shock	Operating: 10 g / 11ms (half-sine) Storage: 50 g / 11ms (half-sine)
Mounting	Desktop, Wall mount
OS	Windows 2000/2003, XP, Linux, XP embedded
Dimensions	242.6 x 227.4 x 74 mm (WxDxH)
Weight	3.5 kg (approx.)
Certifications	CE, FCC Class A
RoHS compliant	yes

Product Information

Article	Description
KUBE-8110	AMD Turion™ 64, Mobile Sempron™ (Socket S1), ATI M690E/SB600 chipset, 2x GbE, 6x USB, 1x COM, VGA-out, HD audio, DC PSU, PS/2 keyboard/mouse, integrated cooling system, wall-mount brackets

Article	Description
CPU	Sempron 2100+ 1.0GHz, 256K L2, 800MHz FSB Sempron 3700+ 2.0GHz, 512K L2, 800MHz FSB Turion 64x2 TL-56 1.8GHz, 512K L2, 800MHz FSB
Memory	DDR2 667 512MB SO-DIMM DDR2 667 1GB SO-DIMM DDR2 667 2GB SO-DIMM
Storage	2.5" SATA HDD 80 GB 2.5" SATA HDD 120 GB
Power	AC/DC adapter, output 19V, 4.7A (US, UK, EU power cords available)
Operating System	WIN XP Pro (English) / pre-installed WIN XP Embedded / pre-installed