

KUBE-8040

Embedded Fanless Box PC
supports Intel® Core 2 Duo 45nm processor



- Fanless design with Mini-ITX embedded motherboard
- Intel® Core 2 Duo 45nm processor support
- Intel® GM45/ ICH9M chipset, 2x DDR3 800/1066 SO-DIMM Socket up to 8GB
- HDMI, DVI-D, VGA, Dual GbE
- 2.5" HDD, 4x DIOs, 5x COM ports, 6x USB
- Optional WiFi antenna
- Rugged aluminum chassis with integrated cooling solution



Product Overview

The KUBE-8040 is a compact Fanless Box PC ideal for space-critical applications. This powerful embedded hardware platform supports an Intel® Core™2 Duo processor (Penryn), Intel® GM45/ICH9-M chipset, and 2x DDR3 800/1066 SO-DIMM Socket up to 8GB. Featured are a 2.5" SATA HDD, mini PCIe slot, CompactFlash socket dual Gigabit Ethernet, USB 2.0, VGA, DVI-D, HDMI and

serial port. The KUBE-8040 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.

Technical Information

Construction
Aluminum extrusion
System Board
Mini-ITX Embedded SBC, Intel® Core™ 2 Duo support (Penryn), Intel® GM45/ICH9-M chipset
Memory
2x DDR3 800/1066 SO-DIMM Socket up to 8GB
I/O Panel
Front I/O
Power Switch
Power LED
HDD Activity LED
2x USB ports
Rear I/O
5x COMs
1x VGA
1x HDMI
1x DVI-D
2x GbE (RJ45)
4x USB ports
4x DIOs
2x Antenna Connector (optional)
Mic-in, Line-in, Line-out (HD audio)
Storages
1 x 2.5" SATA HDD (default)

Expansion
1 x Mini PCI-Express Socket (for optional WiFi)
1 x CF Socket (Internal)
WLAN
1x WLAN mini PCIe card (optional)
External Power Adaptor
Input: 100-240 VAC, 50-60 Hz
Output: 80W, +12VDC/6.66A output
Cooling
Fanless and Internal Heat Pipes
Temperature / Humidity
Operating: 0°C to 40°C(HDD), 0°C to 50°C(SSD)
Storage: -20°C to 80°C, 0%-90%, non-condensing
Dimensions
229.5 x 78 x 212 mm (WxHxD)
Weight
TBD kg
Mounting
Desktop, Wall-mount
Certifications
CE, FCC Class A

KUBE-8040 I/Os



Ordering Information

Article	Description
KUBE-8040	Embedded Fanless Box PC supports Intel® Core 2 Duo(Penryn), DDR3 SO-DIMM, VGA/DVI/HDMI, 2x GbE, 5x COMs and 4x DIOs