

# 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, 6x 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	<p>Front I/O</p> <ul style="list-style-type: none"> <li>Power Switch</li> <li>Power LED</li> <li>HDD Activity LED</li> <li>2x USB ports</li> </ul> <p>Rear I/O</p> <ul style="list-style-type: none"> <li>6x COMs</li> <li>1x VGA</li> <li>1x HDMI</li> <li>1x DVI-D</li> <li>2x GbE (RJ45)</li> <li>4x USB ports</li> <li>Mic-in, Line-in, Line-out (HD audio)</li> <li>2x Antenna Connector (optional)</li> </ul>
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, 6x COMs