

KUBE-8050/8051

Embedded Box PC with Intel® Atom N270 Processor



- Intel® Atom N270 processor support
- Intel® 945GSE + ICH7-M chipset,
- 1x DDR2 400/533 DIMM Socket, up to 2GB
- 2x GbE, 1x 2.5" HDD, COMs, VGA, USB, LPT, HD Audio
- Optional WiFi antenna
- Heavy-duty steel chassis with fanless design

Product Overview

The KUBE-8050/8051 is a compact Box PC ideal for space-critical applications. This powerful embedded hardware platform is designed with Intel® Atom N270 Processor which provides with excellent performance enabled by 45nm Process Technology. The system is supported with Intel® 945GSE / ICH7-M chipset, and DDR2 DIMM up to 2GB. Featured are a 2.5" SATA HDD, Mini PCIe slot, dual Gigabit Ethernet, USB 2.0, VGA, COM, LPT and PS/2 KB/MS.

The KUBE-8050/8051 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

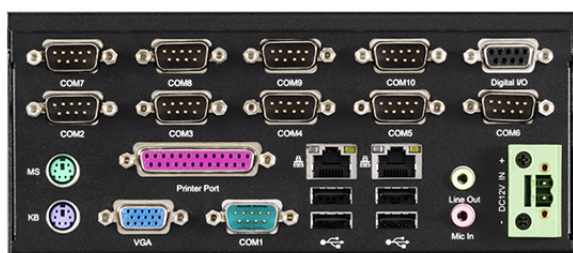
Construction	
Aluminum front panel, heavy-duty steel chassis	
System Board	
Mini-ITX Embedded SBC, Intel® Atom™ N270, Intel® 945GSE + ICH7-M	
Memory	
1x DDR2 400/533 DIMM Socket, up to 2GB	
I/O Panel	
Front I/O	
Power Switch	
Power LED	
HDD Activity LED	
Rear I/O	
2x RJ-45, GbE	
4x USB 2.0	
1x VGA, DB-15 connector	
1x LPT, DB-25 connector	
1x Mic-in & 1x Line-out (HD audio)	
1x PS/2 Keyboard connector	
1x PS/2 Mouse connector	
1x DB-9 female connector, 4x Digital I/Os (KUBE-8050)	
10x COMs with 5V/12V power selection, 10x RS-232 (KUBE-8050)	
1x PCI slot (KUBE-8051)	
Drive Bays	
1x 2.5" Hard Drive Bay (SATA)	

Expansion	
1x Mini PCIe slot	
1x PCI slot (KUBE-8051)	
WLAN	
IEEE 802.11b/g, antenna connector (optional)	
Power Supply	
DC 12V input	
Cooling	
Fanless	
Temperature / Humidity	
Operating: 0°C to 60°C, 0%-90%, non-condensing (with wide range temperature HDD and SSD)	
Storage: -10°C to 80°C, 0%-90%, non-condensing	
Dimensions	
188 x 82 x 276 mm (WxHxD)	
Weight	
2.4 kg	
Mounting	
Desktop, Wall-mount	
Certifications	
CE, FCC Class A	

Ordering Information

Article	Description
KUBE-8050	Embedded Box PC with Intel® Atom N270, DDR2 DIMM, 2.5" HDD, 2x GbE, 1x LPT, HD Audio, 10x COMs, 4x DI/DOs
KUBE-8051	Embedded Box PC with Intel® Atom N270, DDR2 DIMM, 2.5" HDD, 2x GbE, 1x LPT, HD Audio, 1x PCI slot

KUBE-8050 I/Os



KUBE-8051 I/Os

