SBOX-2050

Intel Atom N270 CPU W/DVI-I/Dual LAN/5 x RS-232/DC Input Fanless Box PC

Intel ATOM	5.1 Audio	DDRII 533	Dual GbE Lan
VGA / DVI-D	DC 12V		

Features

- Intel Ultra Low Power Atom N270 CPU Onboard
- Dual Display Output (VGA and DVI-D)
- Support Embedded OS (Windows XPe and Linux)
- Dual Intel Gigabit Ethernet and 5 x RS-232
- Wide Range Operating Temperature -20~60ºC
- Ultra Slim(35mm), Compact Size and Fanless
- DC 12V Power Input

System

CPU	Intel Atom™ N270 1.6GHz Processor with 533MHz FSB
Memory	1 x DDRII-533 SO-DIMM Up to 2GB
Chipset	Intel 945GSE + ICH7M
Graphics	Integrated Intel GMA950 GFx Core in 945GSE MCH
ATA	1 x Serial ATA port with 150MB/s HDD transfer rate
LAN Chipset	2 x Intel 82574L Gigabit Ethernet
Watchdog	1 ~ 255 level reset

I/O

Serial Port	Support 4 x RS-232 ports and 1 x RS232/422/485
USB Port	2 x USB 2.0 ports
LAN	2 x RJ45 ports for GbE
Video Port	1 x DVI-I female connector for DVI-D and VGA Output
GPIO Port	Support 4 in and 4 out GPIO ports (share with 1 x RS232)
Audio	Mic-in/Line-out
Expansion Bus	1 x Mini-card slot

Environmental

Operating Temp.	-20 ~ 60ºC, ambient w/ air
Storage Temp.	-40 ~ 85ºC
Relative Humidity	10 ~ 95% @ 40ºC (non-condensing)
Vibration	MIL-STD-810F, Method 514.5, Procedure 1, Category 4
Shock & Crash	Operating 20G (11ms), Non-Operating 60G with HDD
	Operating 40G (11ms), Non-Operating 80G with SSD
	Crash 100G (11ms)
Power Input	DC 12V Input

Qualification

Certification	CE, FCC

Storage

Type	1 x 2.5" drive bay for SATA Type Hard Disk Drive / SSD

Mechanical

Construction	Aluminum alloy
Mounting	Supports both of wall-mount/VESA-mount
Weight	810g (bare-bone)
Dimensions	182 x 136 x 35 mm

Ordering Information

Part Number	SBOX-2050-000
Description	SBOX-2050-Barebone:Intel Atom N270 CPU with DVI-I Display, Dual GbE Lan, 5 x RS-232 and DC12V Input Aluminum Fanless Box PC

Drawing

Supports both of wall-mount/VESA-mount for LCD TV Monitor