

MANO830

Intel® Atom™ D2550 Mini ITX SBC with
Intel® NM10 Chipset, VGA/HDMI/LVDS, PCI
Express Mini Card, PCIe x1 and HD Audio



Fanless

Low Power

DualView

DDR3

PCIe Mini

+12V

System

CPU	Intel® Atom™ Cedarview D2550 processor
System Memory	1 x 204-pin SO-DIMM dual channel DDR3-1066 max. up to 4 GB
Chipset	Intel® NM10
BIOS	AMI
SSD	N/A
Watchdog Timer	Reset: 1 ~ 255 sec.
Expansion Interface	1 x PCIe x1 1 x PCI Express Mini Card (By jumper selection for mSATA or PCIe Mini Card)
Battery	Lithium 3V/220 mAH
Power Requirements	TBD
Size	170 x 170 mm
Board Thickness	1.6 mm
Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x PS/2 keyboard and mouse 4 x RS-232 (COM 1 ~ COM 4) with 5V/12V jumper selection 1 x LPT
SATA	2 SATA-300
Ethernet	2 x Realtek RTL8111E for Gigabit LAN
Audio	HD Audio as Mic-in/Line-out with Realtek ALC892
USB	8 x USB 2.0
TPM	N/A
Digital I/O	8 Channels (4-IN & 4-OUT)
SM BUS	N/A

Display

Display Chipset	Intel® GMA graphic core
Memory Size	Shared Memory
Display Interface	1 x VGA 1 x HDMI 1 x LVDS 24bit dual channel

Features

- Intel® Atom™ Cedarview D2550 processor
- 1 DDR3-1066 MHz max. up to 4 GB
- PCIe x1 support
- 8 x USB 2.0
- 2 SATA-300 supported
- PCI Express Mini Card supported
- ATX power supported
- Dual view display

Packing List

User's manual/utility CD, cable, I/O bracket

Ordering Information

Standard

MANO830	Mini ITX SBC with Intel® Atom™ D2550, VGA/HDMI/ LVDS, PCI Express Mini Card, PCIe x1, 2 10/100/1000Mbps Ethernet, 4 COM, 8 USB and HD Audio
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