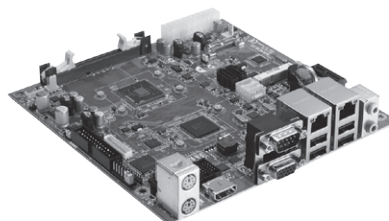
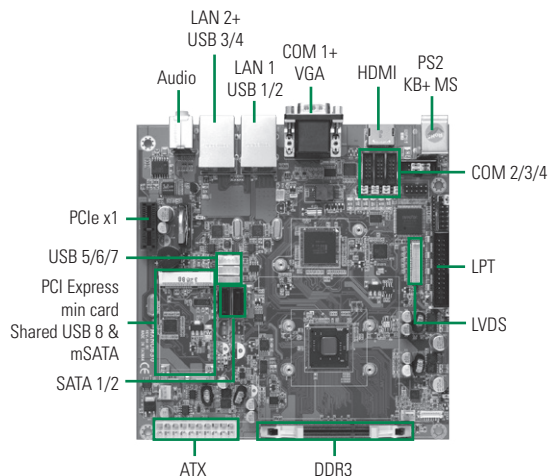


MANO830

Mini-ITX SBC with Intel® Atom™ D2550/N2600, Intel® NM10, VGA/HDMI/LVDS, Mini PCIe Card, PCIe x1 and HD Audio

Features

- Intel® Atom™ Cedarview processor D2550 (1.86 GHz)/N2600 (1.6 GHz) onboard
- 1 DDR3-1066 SO-DIMM MHz, up to 4GB
- 8 USB 2.0 ports
- 2 SATA-300
- PCIe x1 and PCI Express Mini Card
- ATX power supported
- VGA/HDMI/LVDS with dual-view supported



▲ Side view



Core System

CPU	Intel® Atom™ Cedarview processor D2550 1.86 GHz/N2600 1.6 GHz onboard
System Memory	1 x 204-pin DDR3-1066 SO-DIMM, up to 4GB (N2600 supports DDR3-800 SO-DIMM, up to 2GB)
Chipset	Intel® NM10
BIOS	AMI UEFI BIOS
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 PCI Express Mini Card)
Battery	Lithium 3V/220 mAH
Power Requirements	D2550: +5V @ 1.7A, +12V @ 1.5A, +5Vsb @ 0A, +3.3V @ 1.0A N2600: +5V @ 1.4A, +12V @ 1.4A, +5Vsb @ 0A, +3.3V @ 1.0A
Size	170 x 170 mm
Board Thickness	1.6 mm
Temperature	0°C ~ +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 x SATA-300
Ethernet	2 x Realtek RTL8111E for Gigabit LAN
Audio	HD Audio as Mic-in/Line-out with Realtek ALC892
USB	7 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 24-bit dual channel

Packing List

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

Ordering Information

Standard	
MANO830-D2550 (P/N: E38M830101)	Mini-ITX SBC with Intel® Atom™ Cedar-view D2550, Intel® NM10, VGA/HDMI/LVDS, 2 GbE LANs, HD Audio
MANO830-N2600 (P/N: E38M830102)	Mini-ITX SBC with Intel® Atom™ Cedar-view N2600, Intel® NM10, VGA/HDMI/LVDS, 2 GbE LANs, HD Audio