



**Intel® Atom™ D525 Mini ITX
SBC with Intel® NM10
Chipset, VGA /LVDS, Dual
LANs and 6 COM**



Features

- Intel® Atom™ Dual Core processor
- Intel® high performance integrated graphic controller for VGA and LVDS
- 7 USB 2.0 ports

CPU

- Onboard Intel® Atom™ D525 @1.8 GHz dual core processor

Chipset

- Intel® NM10 chipset

System Memory

- 2 x 240-pin DIMM support DDR3 800 up to 4GB

Display Interface

- Intel® integrated GMA3150 graphics Core
- VGA with D-sub 15-pin connector
- 18/24-bit single / dual LVDS connector

Audio

- Integrated HD Codec audio

Ethernet

- Two ports as 10/100/1000Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111DL

I/O Interface

- 1 x SMBus
- 2 x SATA Ports support 300MBps
- 1 x PS/2 keyboard / mouse port
- 7 x USB 2.0 ports
- 6 x RS232 serial ports with +5V / +12V
- 1 x 8-bit GPIO port

Onboard Expansion

- 1 x PCI slots
- 1 x PCI Express Mini Card socket

Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10 % ~ 95 % relative humidity, non-condensing

Dimension

- 170mm x 170mm

Ordering Information

MBC-4503A2GNL Mini ITX SBC with Intel® Atom™ D525 CPU, VGA, 18/24-bit LVDS LCD, 2 10/100/100Mbps, audio and PCI

