

MBOX-5104

Compact 3.5" form factor Mini-BOX PC
with Intel® Atom™ D510 + Intel® ICH8-M



MBOX-5104

161(W) x 84(H) x 115(D)

FEATURES

- ▶ Intel® Atom™ D510 and ICH8M chipset
- ▶ Compact 3.5" form factor for embedded applications
- ▶ 18-bit LVDS, VGA, HD Audio, SIM card
- ▶ SATA 3Gb/s, GbE, USB 2.0, COMs, Digital I/Os, CF socket
- ▶ 1x mini PCIe x1 socket, 1x PCIe x4 slot (w/ 4x PCIe x1 speed)
- ▶ 8x COMs with Power Selection
- ▶ Simple Din-rail Mount

Specification

CPU Support	Intel® Atom™ D510
Chipset	Intel® Atom™ D510 + Intel® ICH8-M
Memory	1x DDR2 667/800 SO-DIMM Socket, up to 2GB
BIOS	AMI Plug & Play BIOS
Display	Integrated on Intel® Atom™ D510 (GEN 3.5+ GFX Core) 18-bit signal channel LVDS support 1x VGA
LAN	1xRJ-45, Gigabit Ethernet PXE & WOL supported
Audio	HD Audio ALC662 Codec Supports Line-in, Line-out & Microphone (via pin-header) 2W Speak-out with AMP (via pin-header) Two 2-pins pitch 2.0mm wafer connector for Right/Left speaker out
Peripheral Support	1x SATA (one with onboard power connector) 1x CompactFlash socket 6x USB 2.0 (one reserved for Mini-PCIe) 4x COMs with Power Selection (1x RS-232/422/485, 3x RS-232) 4x DI/DO (via pin-header) 1x Mini-Din PS/2 KB/ MS 1x 6-pins wafer connector for SIM card supported

Dimensions	161(w) x 84(h) x 115(d) mm
Mount	Din-rail Mount
Power Connector	DC IN +12V Adapter
Expansion	1x PCIe x4 slot (w/ 4x PCIe x1 speed) 1x Mini PCIe slot(WIFI)
Watchdog Timer	1-255 step, can be set with software on Super I/O
Hardware Monitor	Operating voltage, CPU temperature and fan speed
Environmental Factors	Operation Temp: 0°C - 60°C Storage Temp.: -10°C - 85°C Humidity: 0% - 90%
Certifications	CE, FCC Class A



IPC Chassis

Power Supply

LCD KVM

Embedded System

Panel PC

KIOSK