

## PICO-ITX

### LP-172

Intel® Atom™ Processor with DDRIII SO-DIMM, CRT, LVDS, Gigabit LAN, USB2.0, HD Audio, Serial ATAI, PCIE mini card, LPC



<b>Form Factor</b>	PICO-ITX
<b>CPU</b>	Intel® Atom™ CedarTrail Processor with optional D2550 or N2800 Package type : FCBGA559
<b>Memory</b>	1 x DDRIII SO-DIMM 800/1066 MHz up to 4GB, Support Non-ECC, unbuffered memory only
<b>Chipset</b>	Intel® NM10
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Generates a system reset with internal timer for 1min/s ~ 255min/s
<b>Power Management</b>	Supports ACPI 3.0 compliant
<b>Serial ATA Interface</b>	1 x serial ATAI interface with 300MB/s transfer rate
<b>Integrated Graphics</b>	Intel® integrated extreme GMA 3650( Graphic Media Accelerator ) Technology
<b>VGA Interface</b>	Onboard DSUB15 connector for VGA interface
<b>LVDS Interface</b>	Onboard 18-bit single channel LVDS connector with +3.3V/+5V supply ( N2800 ) Onboard 18 and 24-bit single channel LVDS connector with +3.3V/+5V supply ( D2550 )
<b>DVI interface</b>	Optional
<b>Audio Interface</b>	REALTEK ALC888 HD Audio Codec
<b>LAN Interface</b>	1 x Intel® 82583V Gigabit Ethernet controller
<b>Extended Interface</b>	1 x PCIE mini card socket( Optional support mSATA )
<b>Internal I/O Port</b>	4 x USB2.0, 1 x LVDS, 1 x CN_INV, 2 x RS232, 1 x Serial ATAI, 1 x HD Audio, 1x LPC
<b>External I/O Port</b>	1 x VGA, 1 x RJ45, 1 x PS2
<b>Power Requirement</b>	5V(±5%) DC Input
<b>Dimension</b>	100mm x 72mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

## Ordering Code

<b>LP-172D5</b>	Support Intel® Atom™ CedarTrail D2550 processor with onboard VGA, 18 and 24-bit LVDS Audio, Giga LAN, USB2.0 .SATAII, PCIE mini card
<b>LP-172D5S</b>	Support Intel® Atom™ CedarTrail D2550 processor with onboard VGA, 18 and 24-bit LVDS Audio, Giga LAN, USB2.0, mSATA
<b>LP-172N</b>	Support Intel® Atom™ CedarTrail N2800 processor with onboard VGA, 18-bit LVDS, Audio, Giga LAN, USB2.0 .SATAII, PCIE mini card
<b>LP-172NS</b>	Support Intel® Atom™ CedarTrail N2800 processor with onboard VGA, 18-bit LVDS, Audio, Giga LAN, USB2.0, mSATA
<b>MPX-SDVOD</b>	PCIE mini card support DVI module

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