



Product Name: LP-172N

Manufacturer: Commell

Model Number: CMCOLP-172N

La carte mère Commell LP-172N est composée d'un processeur Atom N2800 avec un chipset express NM 10. La LP-172N intègre l'Intel Graphics Media Accelerator 3650 combiné avec un contrôleur mémoire qui augmente les performances et le temps de réponses du système pour des applications tel que le décodage Full HD (MPEG2, VC1, AVC, H.264) et Blu-ray 2.0.

La LP-172N grâce à sa faible consommation d'énergie lui permet d'être intégrée dans des solutions Fanless ainsi que dans des produits qui ont besoin d'être peu épais, plus léger et compact ainsi que portable.

- CPU: Intel® Atom™ processor N2800
- Memory: 1 x DDR3 SO-DIMM up to 4.0 GB.
- Chipset: Intel® NM10 Express Chipset.
- VGA Interface: Intel® integrated extreme GMA 3650 technology.
- LVDS interface: Onboard 18-bit single channel LVDS.
- Serial ATA: Support 1 x SATAII interface with 300MB/s transfer rate
- Solid State Disk: 1 x Mini-PCIe support mSATA ( Optional ).
- Audio: Realtek ALC888 HD Audio.
- LAN Interface: Intel® 82583V Giga LAN.
- Extended interface: One PCIE mini card socket.
- I/O ports: 2 x RS232 Serial Ports, 4 x USB2.0 ports, 1 x DB15 VGA port, 1 x PS/2 keyboard and mouse ports.
- Power: DC 5V input.

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|------------------|-------------------------------------------------------------------------------------------|
| Form Factor      | Pico-ITX Motherboard                                                                      |
| CPU              | Intel® Atom™ processor N2800, 1.86 GHz                                                    |
| Memory           | 1 x 204-pin DDR3-800/1066 SO-DIMM up to 4.0 GB<br>Support Non-ECC, unbuffered memory only |
| Chipset          | Intel® NM10 Express Chipset                                                               |
| Real Time Clock  | Chipset integrated RTC with onboard lithium battery                                       |
| Watchdog Timer   | Generates a system reset internal timer for 1min/s ~ 255min/s                             |
| Power Management | ACPI 3.0 compliant, supports power saving mode                                            |

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| Integrated Graphics  | Intel® integrated extreme GMA 3650 Technology                                                                          |
| LVDS Interface       | Onboard 18-bit single channel LVDS                                                                                     |
| Serial ATA Interface | 1 x SATAII interface with 300MB/s transfer rate                                                                        |
| Audio Interface      | Realtek ALC888 HD Codec                                                                                                |
| LAN Interface        | 1 x Intel® 82583V Gigabit Ethernet controller                                                                          |
| Expansion Interface  | 1 x PCIe mini card socket.<br>Support mSATA SSD ( Optional ).                                                          |
| Internal I/O Port    | 1 x Audio, 4 x USB2.0, 1 x SATAII, 2 x RS232, 1 x LPC<br>1 x LVDS, 1 x LED backlight with jumper setting for 3.3V / 5V |
| External I/O Port    | 1 x VGA, 1 x RJ45, 1 x PS2                                                                                             |
| Power Requirement    | 5V DC input                                                                                                            |
| Board Dimension      | 100mm x 72mm                                                                                                           |
| Temperature          | Operating within 0~60 centigrade<br>Storage within -20~85 centigrade                                                   |

## Specifications

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*Ce produit a ete rajouté a notre catalogue le jeudi 13 décembre 2012*