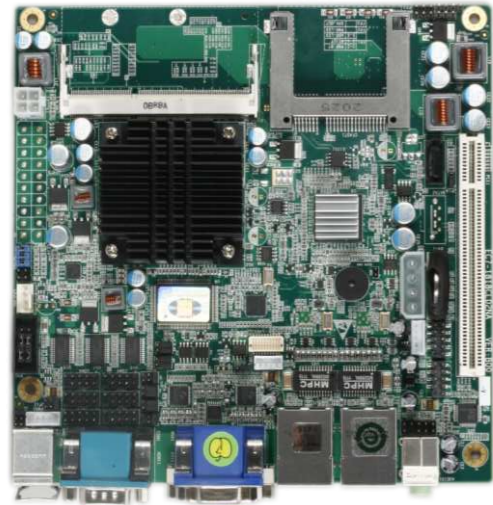


EC7-1818CLD2NA

Mini-ITX SBC with onboard Atom D2550/N2600.



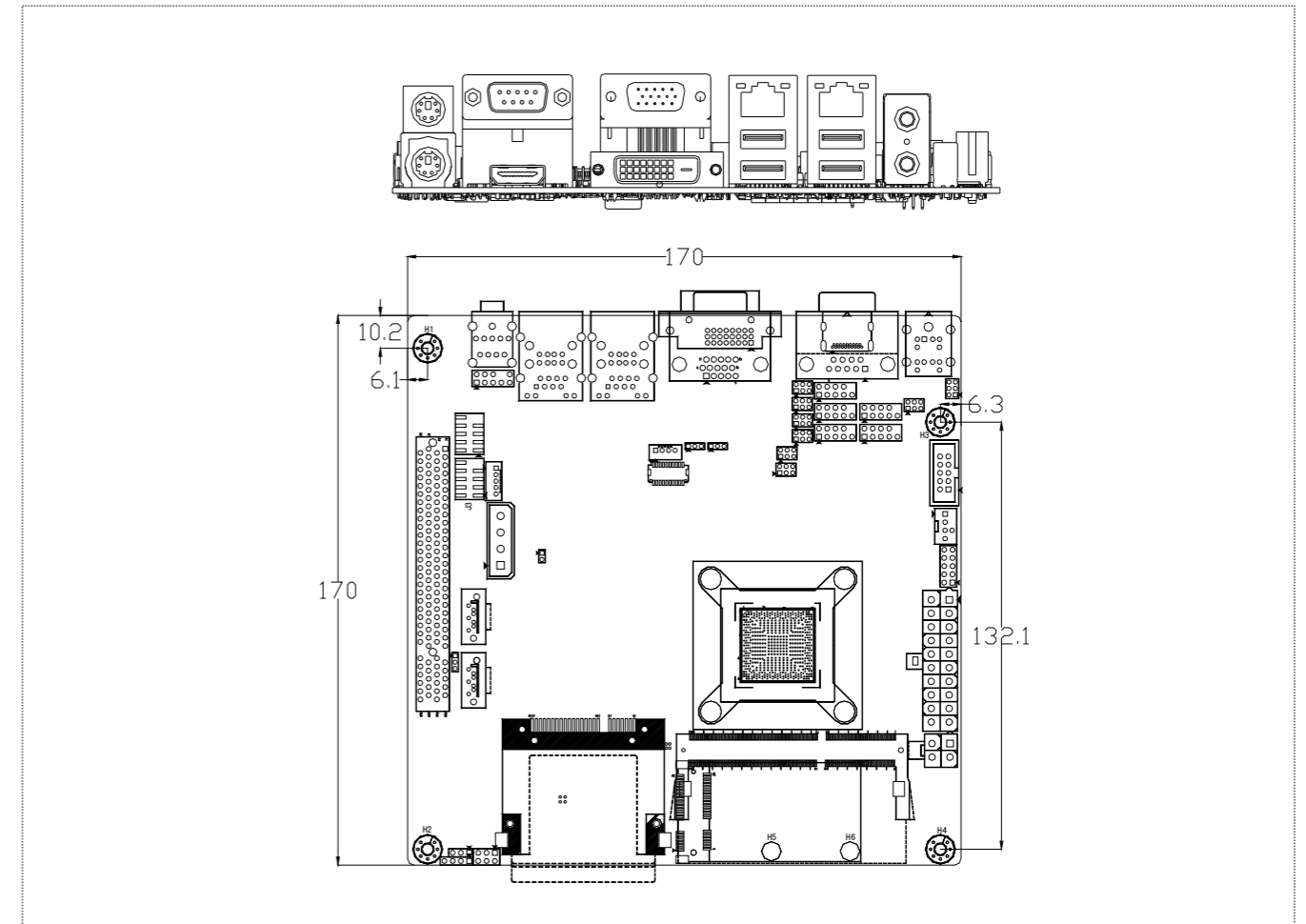
Features

- Supports third-generation Intel® Atom CPUs
- Provides 1 x 204PIN DDR3 memory slot, up to 4GB/2GB capacity
- Supports VGA, LVDS, HDMI and DVI displays
- Supports 8 x USB2.0, 6 x COM port, 2 x PS/2 keyboard/mouse port, 1 x 8-channel GPIO
- Provides 1 x PCI and 1 x Mini PCI-E slot, 1 x PCIe

Specifications

| | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | Onboard Intel® Atom™ D2550 (dual-core) /N2600 (dual-core) processors |
| Chipset | Intel® ATOM™ D2550/N2600 + NM10 |
| Memory | Provides 1 x 204 Pin DDR3 memory slot: EC7-1818CLD2NA supports 1066MHz memory module with up to 4GB capacity while EC7-1818CLD2NA-V supports 800MHz memory module with up to 2GB. |
| Display | Supports VGA, LVDS, HDMI and DVI displays; EC7-1818CLD2NA supports 24-bit single channel while EC7-1818CLD2NA-V supports 18-bit LVDS single channel. VGA supports hot-swap function. All the display functions are sync output. The maximum resolution and refresh rate supported by VGA is 1920x1200@60Hz; the maximum resolution and refresh rate supported by the LVDS of EC7-1818CLD2NA is 1440x900@60Hz while that supported by the LVDS of EC7-1818CLD2NA-V is 1366x768@60Hz; the maximum resolution and refresh rate supported by HDMI/DVI is 1920x1200@60Hz. |
| Audio | HDA standard, supporting MIC-IN/LINE-OUT. |
| LAN | Provides two 10/100/1000Mbps LAN ports, LAN1 supports Wake-On-LAN. |
| Storage | Provides 2 x SATA interface (optional), 1 x CFAST slot (optional) |
| I/O ports | 6 x serial ports: COM2/COM3 supports RS-232/RS-422/RS-485 mode selection; 8 x USB2.0 ports; 2 x PS/2 keyboard/mouse ports; 1 x 8-channel digital I/O port. |
| Expansion bus | Provides 1 x PCI and 1 x Mini PCI-e slot |
| Operating temperature | -10°C ~ 60°C (EC7-1818CLD2NA); -10°C ~ 70°C (EC7-1818CLD2NA-V); |
| Storage environment | -20°C ~ 80°C |
| Watchdog | 255 levels, programmable by minute or second; timeout interrupt or system reset. |
| Power supply | EC7-1818CLD2NA adopts ATX power supply; EC7-1818CLD2NA-V adopts single 12V power supply. |
| Operating system | Windows 7, Windows XP, Linux |
| Dimensions (W×D×H) | 170.6 mm x 170.3 mm x 41.3 mm |

Dimensions



Order Information

| Part Number | Model Number | Description |
|-------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0030-019201 | EC7-1818CLD2NA | Mini-ITX structure single board/Intel NM10+Intel Atom D2550 CPU/1 x DDR3 DIMM memory slot, supporting up to 4G/DVI+VGA+LVDS+HDMI/1 x SATA/1 x CFAST/2 x Gigabit LAN port/8 x USB2.0/6 x COM port (2 support RS232/422/485)/2 x PS2/HDA/1 x Mini PCI_E/1 x standard PCI slot/standard ATX power supply/-10°C ~ 60°C |
| 0030-019041 | EC7-1818CLD2NA-V | Mini-ITX structure single board/Intel NM10+Intel Atom N2600 CPU/1 x DDR3 DIMM memory slot, supporting up to 2G/DVI+VGA+LVDS+HDMI/1 x SATA/1 x CFAST/2 x Gigabit LAN port/8 x USB2.0/6 x COM port (2 support RS232/422/485)/2 x PS2/HAD/1 x Mini PCI-E/1 x standard PCI slot/single 12V power supply/-10°C ~ 70°C |
| 0030-019501 | EC7-1818CLD2NA-D | Mini-ITX SBC/Intel NM10+Intel Atom D2550 CPU/1×DDR3 DIMM Slot, up to 4G/DVI+VGA+LVDS+HDMI /1×SATA/1×CFAST/2×1000Mbps Ethernet/8×USB2.0/6×COM(2×RS232/422/485) /2×PS2/HAD/1×Mini PCI-E/1×PCI slot/DC12V |