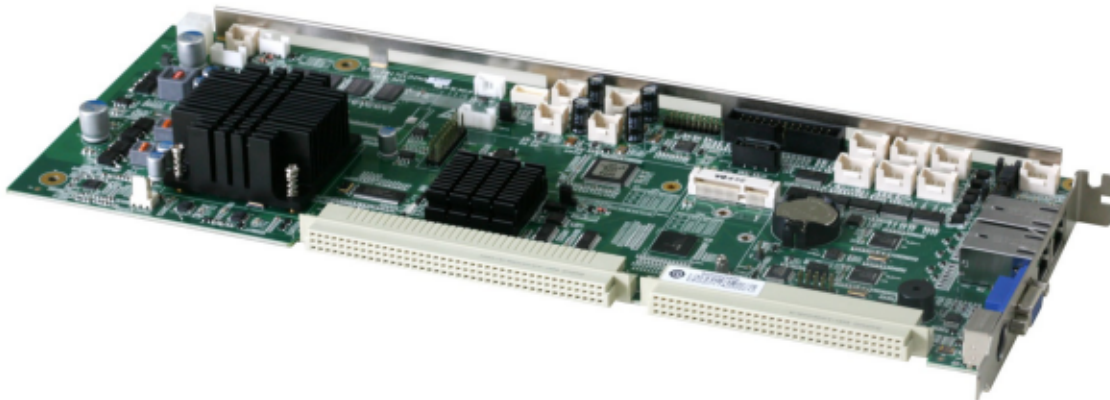


# EPI-1817

EPI2.0 Bus (compatible with PICMG1.0 bus standard) Standard Full-size Card



### Features:

- ◆ Onboard Intel®Atom™ D2550 (dual-core)/N2600 (dual-core) processor
- ◆ Onboard 2GB DDRIII memory, 1 x DDRIII DIMM slot (2G expansion memory optional). D2550 supports up to 4G memory; N2600 supports up to 2G memory
- ◆ Supports up to 2x10/100/1000M self-adaptive network adapter
- ◆ 6 x COM port (4 x RS-232, 2 x RS-232/422/485) (supports LPC expansion to 4 x COM port), 8 x USB2.0, 1 x LPT, 1 x PS2, 1 x 8GPIO
- ◆ 2xSATA HDD interface (one supports SATA+SATA DOM optional (D2550) or SATA+M SATA optional (N2600))

### Product size chart



( Company: mm )

## Specifications

CPU	Onboard ATOM D2550/N2600
Chipset	Cedar Trail+NM10
Memory	Onboard 2GB DDRIII memory, 1 x DDRIII SO-DIMM slot (2G expansion memory optional). D2550 supports up to 4G memory; N2600 supports up to 2G memory
Display port	VGA: external DB15 port; DVI: built-in, can be brought out by cable with bracket; LVDS: onboard LVDS port, supporting D2550:24bit/N2600:18bit single channel
Audio	1 x HDA audio port, supporting Mic-in/Line-in/Line-out
LAN	2 x 10/100/1000Mbps LAN port; LAN1 supports Wake-On-LAN, and one of them is optional
Storage	2 x SATA HDD interface (one supports SATA+SATA DOM optional (D2550) or SATA+MSATA optional (N2600))
I/O port	8 x USB2.0 pin header ports/6 x COM pin header port (4 x RS-232, 2 x RS-232/422/485), supports LPC expansion to 2/4 COM ports/ 1x Pin header LPT port Ps2: 1 x Mini 1-to2 PS/2 port.
Expansion bus	EPI standard compatible expansion bus, providing 2 x 32bit PCI Masters resource to the backplane, 1 x Mini-PCIe slot, supporting USB device
Operating temperature	0°C ~ 60°C; humidity: 5%~90% (non-condensing)
Storage environment	-20°C ~ 80°C; humidity: 5%~90% (non-condensing)
Watchdog	255 levels, programmable by second/minute, timeout interrupt or system reset
Power supply	ATX power supply, supporting ACPI S0/S1/S4/S5
Dimensions (WxD)	351.5mm x 146.7mm

## Ordering Information

Part Number	Model Number	Description
0030-020881	EPI-1817CLD2NA-D2550	EPI 2.0 Bus standard full-size CPU card/onboard Intel NM10+Intel ATOM D2550CPU/onboard2GB DDRIII memory, 1xDDR3 SO-DIMM slot (2G expand memory optional), total up to 4GB memory/1xExternal VGA, 1x built-in LVDS, 1x built-in DVI/2xSATA(1 support SATA, SATA DOM optional )/2x1000Mbps LAN port /8xUSB/6xCOM(4xRS-232, 2xRS-232/422/485)/support LPC expand 2-4COM/1xLPT/1xPS2/1xHDA audio card
0030-020891	EPI-1817CLD2NA-N2600	EPI 2.0 Bus standard full-size CPU card/onboard Intel NM10+ Intel ATOM N2600CPU/onboard 2G DDRIII memory, total up to 2G memory/1x external VGA, 1x built-in LVDS, 1x built-in DVI/2xSATA(1 support SATA, MSATA Optional)/2x1000Mbps LAN port /8xUSB/6x internal COM(4xRS-232, 2xRS-232/422/485) /support LPC expand 2-4COM/1xLPT/1xPS2/1xHDA audio