

Industrial Single Board Computer

3.5 Inches Mini board

LE-379

Intel® Atom™ Processor with DDRIII SO-DIMM, CRT, DVI, LVDS, Gigabit LAN, USB2.0, HD Audio, Serial ATAll, Mini PCI, PCIE mini card, LPC, LPT, CFast, mSATA, SATADOM



Form Factor	3.5 Inches Embedded Mini board
CPU	Intel® Atom™ CedarTrail Processor with optional D2700 or D2550 or N2800 Package type : FCBGA559
Memory	1 x DDRIII SO-DIMM 800/1066 MHz up to 4GB Support Non-ECC, unbuffered memory only
Chipset	Intel® NM10
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Power Management	Supports ACPI 3.0 compliant
Serial ATA Interface	2 x serial ATAll interface with 300MB/s transfer rate(Optional support SATADOM)
Integrated Graphics	Intel® integrated extreme GMA 3650(Graphic Media Accelerator) Technology
VGA Interface	Onboard DSUB15 connector for VGA interface
LVDS Interface	Onboard 18-bit signal channel LVDS connector with +3.3V/+5V supply (N2800) Onboard 18 and 24-bit signal channel LVDS connector with +3.3V/+5V supply (D2700 / D2550)
DVI interface	Onboard DVI with 20-pin connector
Audio Interface	REALTEK ALC888 HD Audio
LAN Interface	1 x Intel® 82583V Gigabit Ethernet controller
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x mini PCI, 1 x PCIE mini card(Optional support mSATA) CFast Card socket(shared with SATA2)
Internal I/O Port	4 x RS232, 1 x RS232/485/422, 1 x SMBUS, 1 x GPIO, 4 x USB2.0, 1 x IrDA, 2 x Serial ATAll, 1 x LPT, 1x LPC, 1 x HD Audio, 1 x DVI , 1 x LVDS, 1 x CN_INV(Support LED Backlight)
External I/O Port	1 x PS/2, 1 x RJ45, 1 x VGA, 2 x USB2.0, 1 x RS232
Power Requirement	Full ranged 5V~24V(±5%) DC Input
Dimension	146mm x 101mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

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 **COMMELL**

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Ordering Code

LE-379D	Support Intel® Atom™ CedarTrail D2700 processor with Onboard VGA, LVDS, DVI, Giga LAN, USB2.0, HD Audio, SATAII, SMBUS, LPC, LPT, GPIO, Mini PCI, PCIE mini card, CFast
LE-379DS	Support Intel® Atom™ CedarTrail D2700 processor with Onboard VGA, LVDS, DVI, Giga LAN, USB2.0, HD Audio, SATAII, SMBUS, LPC, LPT, GPIO, Mini PCI, mSATA
LE-379D5	Support Intel® Atom™ CedarTrail D2550 processor with Onboard VGA, LVDS, DVI, Giga LAN, USB2.0, HD Audio, SATAII, SMBUS, LPC, LPT, GPIO, Mini PCI, PCIE mini card, CFast
LE-379D5S	Support Intel® Atom™ CedarTrail D2550 processor with Onboard VGA, LVDS, DVI, Giga LAN, USB2.0, HD Audio, SATAII, SMBUS, LPC, LPT, GPIO, Mini PCI, mSATA
LE-379N	Support Intel® Atom™ CedarTrail N2800 processor with Onboard VGA, LVDS, DVI, Giga LAN, USB2.0, HD Audio, SATAII, SMBUS, LPC, LPT, GPIO, Mini PCI, PCIE mini card, CFast
LE-379NS	Support Intel® Atom™ CedarTrail N2800 processor with Onboard VGA, LVDS, DVI, Giga LAN, USB2.0, HD Audio, SATAII, SMBUS, LPC, LPT, GPIO, Mini PCI, mSATA

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