

Selection Guide

Mini-ITX CPU Boards

DELTA COMPONENTS GmbH

Auweg 27 * D-79761 Waldshut-Tiengen

Tel.: +49 (0) 7751 / 8399-0

Fax: +49 (0) 7751 / 8399-99

info@delta-components.de

www.delta-components.de

www.automotive-computing.com

Bitte laden Sie sich bei Bedarf [hier](#) eine aktualisierte Fassung dieses Dokuments herunter!

4 Artikel aus dem Bereich
Mini-ITX CPU Boards
wurden für das PDF ausgewählt.

Selection Guide Mini-ITX CPU Boards



Mini-ITX CPU Board 614



Mini-ITX CPU Board 614B



Mini-ITX CPU Board 616

Mini-ITX (170 x 170 mm)	x	x	x
Cooling System	1x 4-pin fan connector support PWM fan, 1x 3-pin system fan	-	-
CPU	6th and next gen. Intel® Core i7 / i5 / i3 processor (Skylake) and Intel® Celeron® processor	7th/6th gen. Intel® Core i7 / i5 / i3 processors (Skylake / Kabylake); TDP (Thermal Design Power): max. 65W	Intel® Atom processor E3800 product family
CPU Socket	LGA1151	LGA1151	-
FSB Frequency	-	-	-
Chipset	Intel® H110 PCH, (Intel® Q170 PCH as optional)	-	-
BIOS	AMI system BIOS, Plug and play support	1x 64Mbit Flash ROM, AMI BIOS	AMI System BIOS
Watchdog Timer	-	1 to 255 steps by software program	-
Maximum Equipment	32GB	32GB	8GB
SDRAM	-	-	-
DIMM / MemorySocket	2x DDR4 SO-DIMM	2x DDR4 2.133 SO-DIMM	2x DDR3L SO-DIMM
FDD	-	-	-
Compact Flash	-	-	-
HD SATA	4x SATA 3.0	2x SATA 3.0	2x SATA 2.0
HD PATA	-	-	-
Removeable Storage	-	-	-
Graphic Interface	1x VGA/CRT, 1x HDMI, 1x DisplayPort, 1x LCD-LVDS	2x HDMI, 1x LCD-LVDS	2x HDMI
Interface COM	3x RS232, 1x RS232/422/485	1x RS232, 1x RS232/422/485	5x RS232, 1x RS232/485
Interface USB	3x USB 2.0, 4x USB 3.0	4x USB 2.0, 4x USB 3.0	5x USB 2.0, 1x USB 3.0
Interface IEEE1394	-	-	-
Interface LAN	2x 10/100/1000 BASE-T	2x 10/100/1000 BASE-T, Optional WLAN	2x 10/100/1000 BASE-T
Interface IO	4x In, 4x Out GPIO	4x In, 4x Out GPIO	4x In, 4x Out GPIO
Mini PCIe	1x	2x	1x
IrDA	-	-	-
eSATA	-	-	-
LPT	-	-	-
PS/2	-	-	1x dual stack
Sound	-	-	Realtek ALC886 CODEC for HD
Audio	Realtek ALC886 HD codec	Realtek HD audio: Line-out, Mic-in	Line-In, Line-Out, Mic-In
Speakers	-	1x Speaker out header (40hm / 2W)	Speaker-out
Mobile Communication 3G	-	-	-
PCI	-	-	-
PCIe	1x mini-PCIe, 1x PCIe x16	2x mini-PCIe, 1x PCIe 2.0	1x Mini PCIe, 1x PCIe x1
Operating System Support	-	Windows 10 / 8.1 / 7 / Fedora	-
Input Voltage Nominal	-	12VDC	12VDC
Input Voltage Min/Max	12 to 24VDC	-	-
Input Current	-	max. 65W (Thermal Design Power)	-
Power Management	-	-	-
Battery	-	-	-
Operating Temperature	0°C to 60°C	0°C to 60°C	0°C to 50°C
Storage Temperature	-	-20°C to 80°C	-20°C to 85°C
Relative Humidity	10% to 90% (operating), 5% to 95% (non-operating), non-condensing	10% to 90% (operating), non-condensing	10% to 90% (operating), 5% to 95% (non-operating), non-condensing
Certification	CE, Class A FCC	CE, Class A FCC	CE, Class A FCC
Typ. Application	Industrial, Digital Signage	Industrial, Digital Signage, Outdoor	Industrial

Bestellinformation	Artikel-Nr. PBAS5110 Mini-ITX CPU Board 614, 6th gen. Intel Core i7 / i5 / i3, 4x SATA3, 7x USB, 1x PCIe x16, 1x mPCIe, VGA, HDMI, DP, LVDS	Artikel-Nr. PBAS5112 Mini-ITX CPU Board 614B, 7th/6th gen. Intel Core i7/i5/i3, 2x SATA3, 8x USB, 1x PCIe, 2x mPCIe, 2x HDMI, LVDS	Artikel-Nr. PBAS5108 Mini-ITX CPU Board 616, Intel Atom E3826, 2x SATA2, 6x USB, 1x PCIe x1, 1x mPCIe, 2x HDMI Artikel-Nr. PBAS5108-1 Mini-ITX CPU Board 616, Intel Atom E3845, 2x SATA2, 6x USB, 1x PCIe x1, 1x mPCIe, 2x HDMI
--------------------	--	---	--

Bitte laden Sie sich bei Bedarf [hier](#)
eine aktualisierte Fassung dieses
Dokuments herunter!

4 Artikel aus dem Bereich
Mini-ITX CPU Boards
wurden für das PDF ausgewählt.



Mini-ITX CPU Board 650

Mini-ITX (170 x 170 mm)	x
Cooling System	-
CPU	Intel® Celeron® Processor J1900, Quad Core
CPU Socket	-
FSB Frequency	-
Chipset	-
BIOS	-
Watchdog Timer	Output: From Super I/O to drag RESETCON# Interval: 256 segments, 0,1,2,...255sec/min
Maximum Equipment	8GB
SDRAM	-
DIMM / MemorySocket	2x DDR3L SO-DIMM
FDD	-
Compact Flash	-
HD SATA	2x SATA 2.0, 1x mSATA
HD PATA	-
Removeable Storage	-
Graphic Interface	1x VGA/CRT, 1x HDMI, 1x LCD-LVDS
Interface COM	2x RS232, 3x RS232/422/485
Interface USB	6x USB 2.0, 4x USB 3.0
Interface IEEE1394	-
Interface LAN	2x 10/100/1000 BASE-T
Interface IO	4x In, 4x Out GPIO
Mini PCIe	1x
IrDA	-
eSATA	-
LPT	-
PS/2	2x
Sound	-
Audio	Mic-in, Line-out
Speakers	-
Mobile Communication 3G	-
PCI	-
PCIe	1x mini-PCIe, 1x PCIe
Operating System Support	-
Input Voltage Nominal	-
Input Voltage Min/Max	12 to 24VDC
Input Current	-
Power Management	-
Battery	-
Operating Temperature	0°C to 60°C
Storage Temperature	-
Relative Humidity	-
Certification	-
Typ. Application	Industrial

Bestellinformation	Artikel-Nr. PBAS5115 Mini-ITX CPU Board 650, Intel Celeron J1900, 2x SATA2, 10x USB, 1x PCIe, 1x mPCIe, VGA, HDMI, LVDS
--------------------	--

Selection Guide Mini-ITX CPU Boards

DELTA COMPONENTS GmbH

Auweg 27 * D-79761 Waldshut-Tiengen

Tel.: +49 (0) 7751 / 8399-0

Fax: +49 (0) 7751 / 8399-99

info@delta-components.de

<https://www.delta-components.de>

<https://www.automotive-computing.com>