

Fanless Embedded Box PCs

... of the PICE series (PICE = PLUG-IN Industrial Compact Embedded Fanless System)



PICE-3100P2/3110P2

Compact dimensions

P2 models: 195 mm x 268 mm x 107 mm (B x T x H)

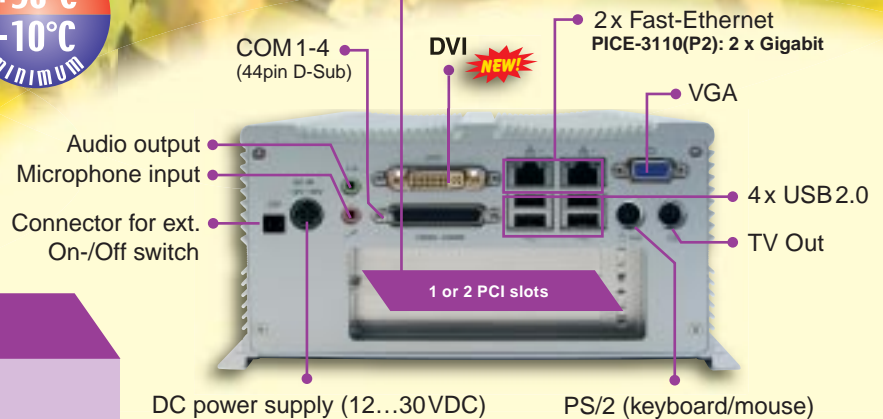
Fanless up to 2,16 GHz!

Flexible expandable

PCI slots, PC/I04+, PCMCIA, CompactFlash, harddisk ²⁾



PICE-3200



PICE-3100P2, PICE-3110P2
Rear view

The PICE series

■ PICE-3100(P2)

Processors up to Intel® Pentium® M, **1 resp. 2 PCI slots**, DVI, VGA, 6 x USB, TV-Out, Fast-Ethernet

■ PICE-3110(P2) **NEW!**

Processors up to Intel® Core™ 2 Duo, **1 resp. 2 PCI slots**, DVI, VGA, 6 x USB, TV-Out, Gigabit-Ethernet

■ PICE-3120

With AMD® Geode™ LX 800 processor, **miniPCI**, **PC/I04+** (only PCI), Firewire, 4 x USB, Fast-Ethernet

■ PICE-3150

Fanless embedded box PC for Intel® Pentium® M, DVI, VGA, 6 x USB, TV-Out, Fast-Ethernet, **DVD**

■ PICE-3200

Processors up to Intel® Pentium® M, **PCMCIA**, **PC/I04+** (ISA+PCI), **CompactFlash** (int. + ext.)

■ PICE-3220

With AMD® Geode™ LX 800 processor, **PCMCIA**, **PC/I04+** (ISA+PCI), **CompactFlash** (int.)



Ideal for...

- **Industrial use:** With CompactFlash™ option
- **Cleanroom manufacturing:** No air swirling
- **Transportation:** Wide range input: 12...30VDC
- **Mobile measurement:**

Low power processors and numerous expansion options with I/O boards – of course from PLUG-IN Electronic!



PICE-3150

... with DVD drive



www.PLUG-IN.de/golpice

¹⁾ Operating temperature range with CompactFlash: -10...+50°C, with harddisk: +5...+45°C.

²⁾ Many extension options depending on model and configuration.



	PICE-3100(P2) PICE-3150	PICE-3110 (P2)	PICE-3120	PICE-3200	PICE-3220
Processor support	Intel® Pentium® M / Celeron® M processors ¹⁾ up to 1,8GHz	Intel® Core™ 2 Duo / Core™ Duo / Celeron® M processors ¹⁾ up to 2,16 GHz	AMD Geode™ LX 800 400/500MHz with 128MB Level 2 Cache	Intel® Pentium® M/ Celeron® M	AMD Geode™ LX 800
Chipset	Intel® 852GM(E)	Intel® 945GME + Intel® 82801GBM (ICH7)	AMD Geode™ LX 800 + CS5536	Intel® 852GM	AMD Geode™ LX 800 + CS5536
RAM	2 x 184pin DDR-DIMM socket for up to 2 GB RAM ²⁾	2 x 240pin DDR2-DIMM socket for up to 2 GB DDR SDRAM ²⁾	1 x 184pin DDR-DIMM socket for up to 1 GB RAM ²⁾	1 x SO-DIMM-Modul for up to 1 GB RAM ²⁾	
Harddisk	2,5" HDD drive bay ⁴⁾	2,5" HDD drive bay	2,5" HDD drive bay	2,5" HDD drive bay	2,5" HDD drive bay
Graphics	VGA, DVI	VGA, DVI	VGA, LVDS (internal)	VGA, LVDS (internal)	VGA, LVDS (internal)
CompactFlash socket	1 x internal	1 x internal	1 x internal	1 x internal 1 x external	1 x internal
Expansions	PICE-3100: 1 x PCI ⁴⁾ , PICE-3100P2: 2 x PCI ⁴⁾ PICE-3150: none	PICE-3110: 1 x PCI ⁴⁾ , PICE-3110P2: 2 x PCI ⁴⁾	miniPCI socket; PC/104+ (only PCI)	PCMCIA; PC/104 (ISA); PC/104+ (PCI)	PCMCIA; PC/104 (ISA); PC/104+ (PCI)
CD-ROM/DVD	Ext. CD/DVD drive ³⁾ via USB lockable, PICE-3150: integrated slimline DVD drive	Ext. CD/DVD drive ³⁾ via USB lockable	Ext. CD/DVD drive ³⁾ via USB/Firewire lockable	Ext. CD/DVD drive ³⁾ via USB lockable	Ext. CD/DVD drive ³⁾ via USB lockable
Interfaces/control elements at front side	2 x USB 2.0 ATX On-/Off switch	2 x USB 2.0 ATX On-/Off switch	4 x USB 2.0, COM1/2 (9pin D-Sub)	2 x USB, PCMCIA slot, CompactFlash slot (only PICE-3200), COM1/2 (9pin D-Sub), COM3/4 (screw terminals)	
Interfaces at rear side	1 x PS/2 (keyboard/mouse), 4 x USB 2.0, 2 x LAN, 4 x serial (44pin D-Sub) thereof 1 x RS-422/485, DVI, VGA (15pin D-Sub), S-Video TV output, Mic-In, Line-Out, DC power supply input 2pin connector for external On-/Off switch		1 x PS/2 (keyboard/mouse), 2 x LAN, IEEE1394a, COM3/4 (9pin D-Sub), 1 x LPT, Line-Out, VGA (15pin D-Sub), DC power supply input	1 x PS/2 (keyboard/mouse), 2 x USB, 2 x LAN, 1 x LPT, Mic-In, Line-Out, VGA (15pin D-Sub), DC power supply input	
Ethernet	2 x 10/100Mbps	2 x 10/100/1000Mbps	2 x 10/100Mbps	2 x 10/100Mbps	
RS-422/485 support	1 x RS-422/485	1 x RS-422/485	–	2 isolated RS-422/485 ports with auto-gating	
LEDs at front side	HDD, Power, LAN	HDD, Power, LAN	Power, HDD, LAN, Alarm, Status	Power, HDD, A1, A2	Power, HDD, A1, A2
Power supply	120W desktop power supply (Primary: 100...240VAC/2,5 A, secondary: 24VDC/2,5 A)		external 65W power supply	optional	optional
DC input voltage	12V...30VDC	12V...30VDC	12VDC	9...36VDC	9...36VDC
Enclosure construction	Aluminium enclosure (fanless)		Aluminium enclosure (fanless)	Aluminium enclosure (fanless)	
Dimensions (B x T x H)	195 x 268 x 80 mm (PICE-3100/3150/3110) 195 x 268 x 107 mm (PICE-3100P2/3110P2)		195 x 150 x 80 mm	260 x 176 x 55 mm	260 x 176 x 55 mm
Operating temperature	5...+40 °C mit HDD, -10...+45 °C mit CF	5...+50 °C mit HDD, -10...+55 °C mit CF	5...+45 °C mit Festplatte, -10...+50 °C mit CompactFlash		

Tell us your configuration of wishes including processor, memory, harddisk and expansions. We gladly submit an individual offer to you.

¹⁾Please order processor separately.

²⁾Please order memory separately.

³⁾Not included in delivery of the PICE series.

⁴⁾Maximum length of the expansion board(s) without harddisk: 240 mm, with harddisk: 160 mm (however the limitation does only apply the upper slot of the models PICE-3100P2 and PICE-3110P2).

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