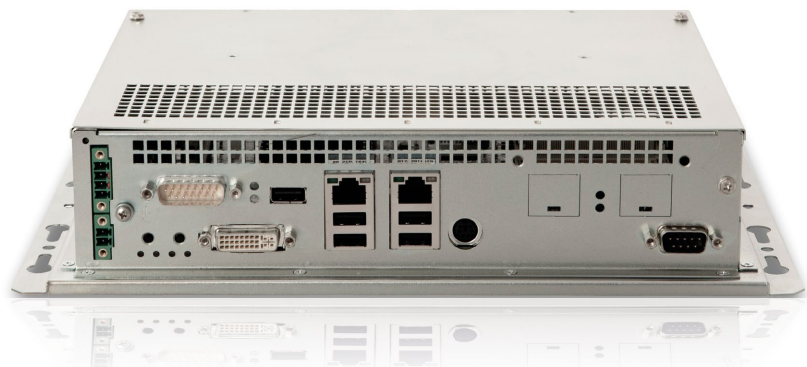


PB2000

Fanless Box PC with Intel® Atom D2550 processor



The fanless PB2000 Box PC is based on Intel® Cedar Trail platform with 1,86 GHz dual core D2550 third generation Atom processor.

The all-in-one motherboard features four USB 2.0 ports, two 10/100/1000 Mbps Ethernet ports with "Jumbo Frame" and "Wake on Lan"

support, one serial RS232 interface, one external access CFast SATA II slot and RAM configuration up to 4 GB DDR3 SODIMM.



+ Highlights

- Fanless Box PC with 0-50 °C operating temperature
- Intel® Cedar Trail platform and 1,86 GHz D2550 dual core processor
- Built-in UPS with external battery pack (optional)
- 1 PCI or 1 PCIe x1 expansion slot (S1 version)
- Wall or DIN rail installation
- CE, cULus LISTED (508) certifications

Gallery



Technical data

	PB2000
PROCESSOR	Intel® Atom™ D2550 1,86 GHz, 2 cores / 4 threads, 1MB L2 cache, soldered
CHIPSET	Intel® NM10
VIDEO CONTROLLER	Integrated in Intel® Atom™ microprocessor, 640MHz, LVDS 8bit/color digital interface
SYSTEM MEMORY - RAM	1GB or 2GB or 4GB (1 x SODIMM DDR3 module)
MASS STORAGE	1 bootable CFast embedded on board with external access 1 x SSD 2,5" or 1 HDD 2,5" SATA II
LAN	2 x LAN 10/100/1000Mbps (2 x Intel® 82574L)
USB	4 x USB 2.0 (Type- A)
SERIAL	1 x RS232 (DB9M)
VIDEO OUTPUT	1 x VGA or 1 x DVI-I (DVI-D + VGA)
ADD-ON INTERFACES (optional, max 1)	1 x RS232/422/485 (DB15M)+ 1 x USB 2.0 (Type-A) 1 x RS232/422/485 (DB15M) isolated + 1 x USB 2.0 (Type-A) 2 x RS232 (DB9M) 2 x USB 2.0 (Type-A)
EXPANSION SLOTS	S0 2 x MiniPCI dedicated to ASEM fieldbuses, I/O and NVRAM boards S1 2 x MiniPCI dedicated to ASEM fieldbuses, I/O and NVRAM boards 1 x PCI or 1 x PCIe x1 (2.5 Gb/s)
POWER SUPPLY UNIT	24VDC isolated with or without UPS (optional) with external battery pack
O.S. CERTIFIED	Microsoft Windows 7 Pro/Ultimate 32bit, Windows XP Pro 32bit, Microsoft Windows Embedded Standard 7E/7P 32 bit, Windows Embedded Standard 2009 (XPe SP3) 32bit, Microsoft Windows Embedded Compact 7 Pro
OPERATING TEMPERATURE	0°- 50°C 0°- 45°C with HDD 24x7 5°- 45°C with standard HDD
APPROVALS	CE, cULus LISTED (508)