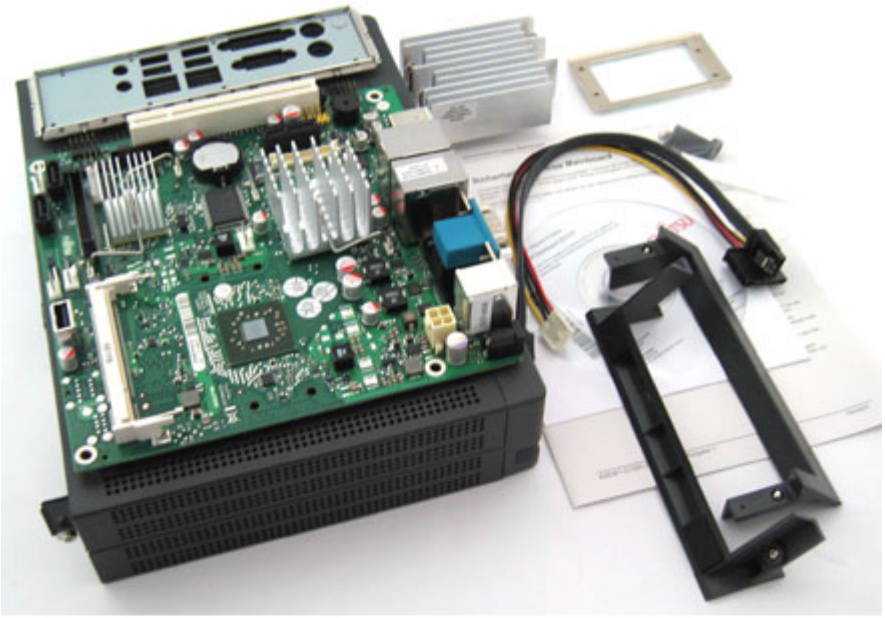

298.00 EUR
incl. 19% VAT, plus shipping

- Fanless !
- ATI Radeon !
- Mini-PCI Express
- Watchdog onboard

Support: Tech Notes [EN] | Specifications Mainboard [EN] | Specifications Enclosure [EN]

- ATI Radeon X1250 graphics on board; VGA, DVI and Dual Channel LVDS
- support HD Audio on board
- Dual GbE LAN on board
- Serial ATA II RAID on board
- CF support (for Embedded OS) on board
- Mini PCI Express support (eg. for WLAN) on board
- USB 2.0 on board
- Board Support Package (BSP) for Windows XP Embedded

- BSP f. Windows CE 6.0 (planned)
- Evaluation BSP for Embedded Linux (emlix)

This barebone was designed for industrial environments. The system can be used for 24/7 operation. The barebone is long term available (5 years).

For a full PC you need in addition :
- 2.5" HDD/SSD or CompactFlash
- SO-DDR2-RAM
- 19VDC or 24VDC power source

The enclosure can be operated fully fanless with the D2963-S1 even under full load in continous operation. But an enclosure fan is included in scope of supply which can get connected to the mainboard in case the enclosure is installed in an area with limited air flow or when using a PCI card with appropriate specifications.

Name	Fujitsu D2963-S1 Barebone
Form Factor	Mini-ITX System
CPU	AMD Mobile Sempron™ 200U Single Core Processor (1.0GHz; 8W)
Chipset	AND N690E & SB600
Graphics	Integrated ATI Radeon X1250 graphics; shared memory (up to 256MB); DirectX 9 compliant; DVI, VGA and 24Bit / Dual Channel LVDS support
Memory	1 x SO DIMM Socket (1.8V), max. 4GB, Single Channel DDR2-800 (CL6) / DDR2-667 (CL5) SDRAM, unbuffered, no ECC Note: Effective memory speed depends on installed processor!
Audio	Realtek ALC262 (HD Audio); HW 3D Stereo Enhancement; SW Wavetable Synthesis Support
LAN	Dual Realtek RTL8111C 10/100/1000 Ethernet controller; WoL support
Power	19-24V / 3A via DC-connector (rear I/O connector or onboard connector) 5V and 3.3V Supply Voltage on PCI Slot (PCI Rev. 2.3) 3.3V Auxiliary Supply Voltage on PCI Slot (Wake-Up Support) Onboard CPU Core Voltage Regulator
Connectors (rear)	- 1x DVI - 1x RS232 - 4x USB 2.0 - Audio - 2x LAN 10/100/1000 MBit - 1x PS/2 (Keyboard) - 1x PS/2 (Mouse) - 1x DC-In (19-24V, 3A)
SATA	2x SATA-II (RAID)

Connectors (internal)	- 1x Mini PCI Express (rear side) - 1x Compact-Flash - 1x Internal USB connector (for eg. USB stick) - 1x RS232 - Front Panel Audio - 4x USB 2.0 - 2x SATA - 2x Fan header - 1x SMBus - 1x LVDS - 1x 8bit GPIO
Included	- Fujitsu D2963-S1 ITX mainboard - Fujitsu ITX Enclosure for D2963-S - Stand for ITX enclosure - I/O ATX rear plate - Heatsink + adapter plate - 1x SATA cable - Quickstart-Guide - Drivers CD

Dimensions of enclosure : 250 x 52 x 191 mm