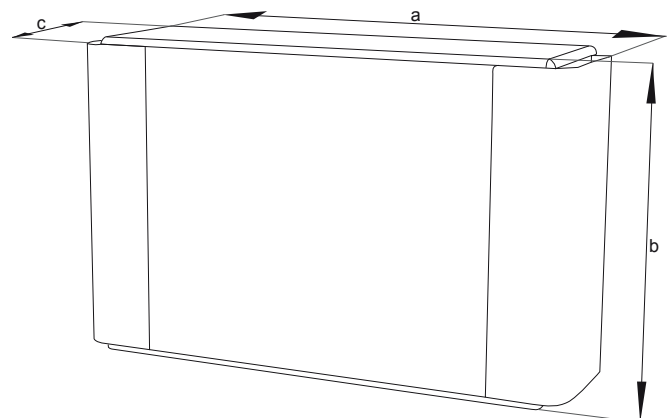
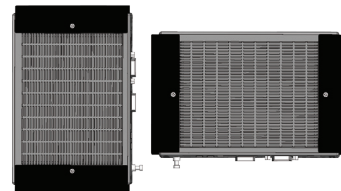


TECHNICAL DATA

DB 831	
Product Type	Ultracompact embedded BOX PC
General characteristics	
Processor	Intel® Atom™ Processor N270, 1.6GHz
Chipset	Intel® 945GSE + ICH7M, 533MHz FSB
Memory	2GB DDR2 SO-DIMM
Operating systems	Windows Embedded Standard
Power Supply	230 VAC fanless external
	24 VDC fanless external optional
Power consumption	20 W
Guarantee	24 Months ¹
Drives	
Mass Memory	Industrial Compact Flash Card up to 32GB
Additional Drives	Type II CF (int)
Interfaces	
LAN/Ethernet	2 x PCIe Gigabit LAN
USB	3 x USB 2.0 (ext), 1 x USB 2.0 (int) typ A female
Serial Interface	2 x RS-232 (ext)
Keyboard/Mouse	1 x PS/2 for KB and Mouse (ext)
Video	1 x VGA port
Multimedia	Built-in Intel® HD Audio + ALC662 Codec for 6 channels
Watchdog Functions	
CPU Temperature	Surveillance onboard
Ambient Conditions	
Vibration resistance	15G
Shock resistance	50G
EMC	EN 55011, 55022, 500081
Temperature	+5°C to +45°C max.
Relative humidity	5% to 80% at 25°C (no humidity/condense)
Authorization	CE
Mechanical Characteristics	
PC Unit	partly alloy anodized, partly powder coated, EMC proofed



Dimensions [mm]	
a:	176
b:	111
c:	62
Weight	ca. 3 kg



¹ warranty ex works, normally 24 months, fixed at order.
DIN rail fixing set available
All data refer on print date, errors and changes excepted.

HIGHLIGHTS

- Access cover to:
 - CF: change your system memory without effort
 - USB: quick mount usb sticks or dongles inside the box
- High reliability
- prepared for use on table or DIN rail
- High performance
- Ultra compact dimensions
- Low mounting depth
- Low power requirements
- Intel® ATOM processor
- Embedded system
- High stability of operating system



DB 831 CONFIGURATION

	1	2	3	4	5	6	7	8
MONITOR								
no configuration	0							
PROCESSOR								
Intel® Atom™ Processor N270 1.6GHz		2						
MEMORY								
2 GB					5			
STORAGE								
Compact Flash 4 GB						6		
Compact Flash 8 GB						7		
Compact Flash 16 GB						8		
Compact Flash 32 GB MLC						9		
DRIVES								
CFC-Adapter							1	
POWER								
110/230 VAC, auto-switch fanless external							1	
9 - 28 VDC fanless external							2	
FRONT								
no configuration								0
OPERATING SYSTEM								
Microsoft WES2009								S
Microsoft WE7E English - minimum 16GB Storage								T
Microsoft WE7P MUI - minimum 16GB Storage								U

YOUR ORDER CODE: DB 831

0	2	5		1	0	
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