




# DIVUS VoIP-Server Overview

embedded box PC

	DIVUS-VSI	DB83 I_VoIP	DB100_VoIP
Price	420,00 Euro discount class: E	2.550,00 Euro discount class: E	2.950,00 Euro discount class: E
Technical Data:	DIVUS-VSI	DB83 I_VoIP	DB100_VoIP
Type of design	Ultra compact embedded box PC with Asterisk based PBX software for small intercom applications	Ultra compact embedded box PC with Asterisk based PBX software for middle intercom applications	Box PC with Asterisk based PBX software for big intercom applications
Software			
	Linux with preconfigured Asterisk based PBX software designed for:	Linux with preconfigured Asterisk based PBX software designed for:	Linux with project specific preconfigured Asterisk based PBX software designed for:
	- Max. 15 concurrent calls	- Max. 30 concurrent calls	- Max. 280 concurrent calls
	- Max. 10 Intercom external units	- Max. 10 Intercom external units	- Max. 560 SIP-Clients (Intercom externalunits/internal units)
	- Max. 20 Intercom internal units	- Max. 60 Intercom internal units	
			If your project should exceed these limits, options with more performance are available on request. Please ask for your customized solution.
	Optimized to work only with DIVUS Building Automation products	Optimized to work only with DIVUS Building Automation products	Optimized to work only with DIVUS Building Automation products
General characteristics			
Processor	fanless low consumption CPU	Intel® Atom™ Processor N270, 1.6GHz	Core 2 Duo
Chipset	n/a	Intel® 945GSE + ICH7M, 533MHz FSB	VIA P4M900 + VT8237A
Memory	256MB SDRAM (onboard)	2GB DDR2 SO-DIMM	2GB DDR2 RAM
Free expansion slots	n/a	n/a	1 x PCIe x16, 1 x PCIe x1, 2 x PCI
Power Supply	7-20VDC / 100-240 VAC fanless external	230 VAC fanless external 24VDC fanless external optional"	90 - 264 VAC, overload protection, short circuit protection, over voltage protection
Power consumption	max. 6 Watt	20 W	300 W active PFC, efficiency ≥ 75 %
Guarantee	24 Months*	24 Months*	24 Months*
Drives			
Storage medium	Compact flash card	Industrial Compact Flash Card	2,5" HDD at 60 GB
Optical drives	n/a	n/a	DVD/CD-RW drive, rear side operation
Additional Drives	n/a	n/a	Floppy, rear side operation
Interfaces			
LAN/Ethernet	2 x 10/100 Mbit/s (ext)	2 x PCIe Gigabit LAN	onboard Realtek RTL8201 CL
USB (Universal Serial Bus)	2 x USB 2.0 (ext)	3 x USB 2.0 (ext), 1 x USB 2.0 (int) typ A female	8 x USB 2.0 (4 x ext, 4 x int)
Serial Interface	1 x RS232 (ext)	2 x RS-232 (ext)	2 x RS232 (1x int, 1x ext)
Parallel Interface	n/a	n/a	1 x LPT1 (EPP/ECP)
Keyboard/Mouse	n/a	1 x PS/2 for KB and Mouse (ext)	2 x PS/2
Video	no graphic interface, only remote access	1 x VGA port	1 x VGA Port
Multimedia	n/a	Built-in Intel® HD Audio + ALC662 Codec for 6 channels	7.1 channel Audio ALC883
Watchdog Functions			
CPU Temperature	n/a	Surveillance onboard	Surveillance onboard
Fan rotation	n/a	n/a	Surveillance onboard
Ambient Conditions			
Vibration	15G	15G	0,67G (5-500Mhz)
Shock resistance	50G	50G	300G/2ms
EMC	EN 55011, 55022, 500081	EN 55011, 55022, 500081	EN 55011, 55022, 500081

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Temperature	+0°C to +35°C max.	+5°C to +35°C max.	+5°C to +45°C max.
Relative humidity	5% to 80% at 25°C (no humidity/condense)	5% to 80% at 25°C (no humidity/condense)	5% to 80% at 25°C (no humidity/condense)
Authorization	CE	CE	CE
Dimensions			
Outside dimensions	158 x 155 x 28 mm	176 x 111 x 62 mm	368 x 289 x 165 mm
			

\*warranty ex works, normally 24 months, fixed at order. All data refer on print date, errors and changes excepted.

NOTE: Internal connections are intended as inside the box unit, normally on pin header, external ones as outside the box.