

HERCULES Cube DTP

CX79 Series

Rev5/7

The **HERCULES Cube DTP** is a high tech modular medicine-PC, which is characterised by its complete sealed housing (IP65). Because of its aluminum housing the IPC is desinfectable and washable and it applies its e.g. in the OP -, air-lock area and pure spaces. A further special feature is its fanless operation, which enables it to use it in noise sensitive environments e.g. patients - rooms.

The **HERCULES Cube DTP** corresponds to the certification of **EN60601-1** and **EN60601-1-2**. It easily can be configured to meet the customers needs. Type and capacity of processor up to **Pentium® M**, size of RAM and harddisk, type and size of display. According to standard it has USB, 10/100 MBit Ethernet, one parallel and four serial interfaces, two of them are galvanically separated, PS/2 connectors for keyboard and mouse, optional two free slots for extension and connectors for external floppy and CD drive. Optionally the **HERCULES Cube DTP** can be equipped with a Fiberoptic network card and with a UPS. All this features distinguish the **HERCULES Cube DTP** as "front end" device in the medical technology. The PC graphic features the **DUAL – HEAD** function, witch allows to increase the workspace of the **HERCULES Cube DTP** with our **HERCULES Medical Monitors**.





Technical Details CX79 Series

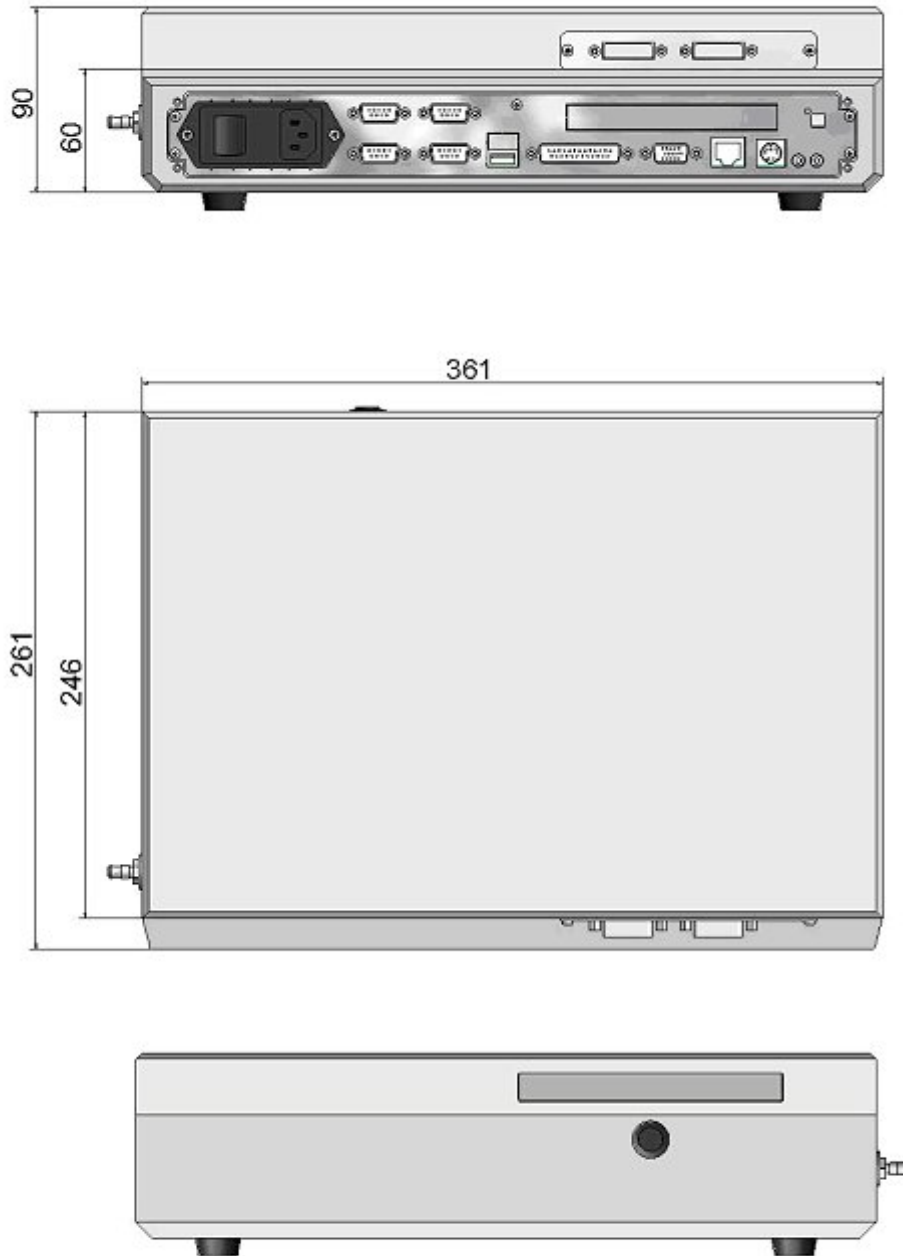
Systemdatas	Processor	Intel Pentium M 1.4GHz
	FSB	400MHz
	Chipsatz	Intel 855 GME
	RAM	max. 1GB DDR-SDRAM SO-DIMM
	Cache	1MB 2 ² Level
	Video Controller	Intel Extreme Graphics 2 with real 2D and 3D axilation Dual Channel LVDS
	Video RAM	max. 32MB (UMA)
	max. resolution LCD	1600 x 1200
	max. resolution CRT	2048 x 1536
	Network-Controller	Intel 82562
	Audio Controller	VIA VT1612A, Soundblaster compatib- le
	Operating-Systems	Windows 98, Windows 2000, Windows XP, Windows NT, Linux
Mass Storage	Harddisk	2,5" Harddisk 20 GB (up to 80 GB) (-25° to +85°C operating temperature)
	2,5" IDE Flashdisk	up to 4GB
(Option)	Floppy-Drive	external on USB-Interface
	CD/DVD-Drive	external on USB-Interface, optional internal
(Option)	CD- or DVD Burner	external on USB-Interface, optional internal
	other storage medias (CF, SD, MMC, ...)	optional on internal PC-Card Slot (2x Typ II) with adapters
Interfaces	COM Ports	4x RS232, two galvanical decoupled (COM3 and COM4)
	parallel Port	1x LPT
	USB Ports	2 x USB 2.0
	IDE Interface	2 x E-IDE
	Keyboard/Mouse	combined PS/2 connector (Y-cable will be delivered with)
	CRT	1x VGA external



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Network	RJ45	10/100base-T Ethernet on board
	Wireless LAN (IEEE 802.11b or .11g)	PC-Card WLAN Adapter internal, Dipol-Antenna external with PCI-WLAN Adpater (e.g. Cisco)
Slots	PCI/ISA	1x PCI/ISA (PCI 2.1)
	Cardbus	Cardbus Slot 2x Typ II
Mediainterface	MIC-In	Mic-In for Mikrophone connection (e.g. Headset)
	Line Out	Line Out for external speakers
Power Supply	Power Supply	internal, fanless 130W power supply
On-/Off-Key		frontside mounted On-/Off-key (switch sequence prgrammable)
Housing	Device	manufactured of special Aluminium for fast heat spreading
		milled from all-Aluminium, thereby exteme warp resistant lacquer resistant against all established cleaning and desinfecting materials
	Size (in brackets with CD-drive)	361 x 261 x 70 (90) mm
	Weight	5,5kg
Environment conditions	Operating-Temperature	0°C bis +40°C
	Storage-Temperatur	-10°C to +60°C
	Humidity (Operating)	10% to 90% relative humidity (not condensing)
	Humidity (Storage)	5% to 95% relative humidity (not condensing)
Certificates		CE Certificate of Conformity
	proofed on: Medical Directive 93/42/EEC	EN60601-1 (1990) + A1 (1993) + A2 (1995) + A12 (1993) + A13 (1996) + Cirrigenda (July 1994), IEC 60601-1 (2 ed 1988) + Amend. 1 (1991) + Amend. 2 (1995) + Corrigendum (1995) EN60601-1-2 /1993 EN61000-3-2 /1995 /A1: 1998 /A2: 1998 EN61000-3-3 /1995

Sizes CX79 Series



All sizes in mm