WERTHSYSTEMS
all-in-one IT-solutions

MEDARIS Pro-600 Serie

Medical PC Workstations for High Performance Applications

coming soon

intel CORE i7 vPro 7th Gen

Medical EN60601-1

24/7 use

▶ powerful - Intel Core i5/ i7 High Performance Quad-Core-7th. Generation CPU

▶ easy to clean - fully closed Aluminum Housing

▶ expandable - 3x PCIe Slot and additional Ports

▶ low maintenance - positive pressure System with exchangeable air intake filter

▶ long lasting- long availability and up to 5 years warranty

tailor-made Systems

The MEDARIS Pro-600 is very expandable with PCIe Cards with up to 220mm length, in spite of the very small dimensions. You can add e.g. Firewire, Framegrabber or Serial Port cards. Also high perfomance Graphic Cards are supported.

The MEDARIS Pro-600 PC is a high-performance PC of the latest generation designed to meet the increased demand on longevity and efficiency of workflows. Due to the, from 4 sides, closed housing, the optimized air flow of the positive pressure cooling system and the versatile expansion possibilities, it is the ideal basis for the creation of a modern and powerful Medical Electrical System in hygiene and patient environments.

Technical Data MEDARIS Pro-600 Series

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Description	Pro-600-i3	Pro-600-i5	Pro-600-i7
Part No.	2000714	2000712	2000713
CPU	Intel Core i3-7100	Intel Core i5-7500	Intel Core i7-7700
Clockspeed / Cache	3.9 Ghz / 3 MB	3.4 to 3.8 Ghz / 6 MB	3.6 to 4.2 Ghz / 8 MB
CPU Cores / Virtual Cores	2 / 2	4 / 0	4 / 4
Chipset	Intel Q170	Intel Q170	Intel Q170
Hardware-Remote Access	No	Yes, Intel VPro	Yes, Intel VPro
RAM Standard setting	8 GB	8 GB	8 GB
RAM Maximal	64 GB (4x 16 GB) DDR4 2400 Mhz		
Harddisk / SSD	1x 256 GB M.2 SSD / optional 1x additional 2.5' Harddisk		
No. of supported Displays	up to 3 Displays with integrated Graphic Chipset		
max. Resolution	Display Port: 4096x2304, DVI: 4096x2160		
Network	1x Gigabit LAN, Intel i219LM with Wake On Lan and PXE		
Audio	Intel HD Audio- Line In, Line Out		
Ports	4x USB 3.0, 2x USB2.0, 2x PS/2, 1x RS-232, 2x Display Port, 1x DVI-D		
Housing	Aluminum		
Cooling System	positive pressure cooling system with exchangeable Air-Filter		
IP-Classification	IP 20 (IP 61 from 4 sides)		
Expansion-Slot	1x PCIe x16, 1x PCIe x4 (x16 Slot), 2x PCIe x1 - up to 220 mm length		
internal Slots/Ports	1x M.2 (PCIe/SATA), 1x USB 3.0 Socket, 1xRS232, 1x LPT		
Power Supply	internal, medical 400W Power Supply, 220-240V		
Dimensions	200 x 270 x 224 mm (W x H x D)		
Weight	6.0 Kg		
Temperaturerange	0 ˚C to 40 ˚C		
Productionstandard	ISO 9001		
Place of Production	Germany		
Warranty	2 years pick up and return		
supported Operating Systems	Windows 7Pro*, Windows 8.1*, Windows 10		
Windows Image compatible to	-		
Norms / Standard	CE, RoHS, EN60601-1-2:2007/AC2010, Power Supply: EN60601-1:2006/A1:2013		
Scope of Delivery	Manual, Driver CD, power cord		

Options for the MEDARIS Pro-600

additional Ports on PCIe cards:
4x RS-232/2x Firewire/2x WLAN

Framegrabber/Capturecards:
IDS Falcon PCIe Framegrabber/Blackmagic Decklink 4K Extreme, Matrox Vio,
Intensity Pro 4K/ Imaging Source DFG/SV1...please ask for more supported cards

Graphiccards:
NVIDIA/AMD/Matrox PCIe x16 Graphiccards with up to 120W TDP and 220mm length

Harddrive/SSD's:
1x 500 GB/1 TB/2 TB -2.5' 24/7 continous operation with 7200 rpm and
1x 120 GB/240 GB/480 GB M.2 SSD

security features:
TPM 2.0 Module

accessories:
140 mm Replacement EMC Air-Filter

additional Warranty:
Warranty extension to 3 years/4 years/5 years Warranty, Replacement in advance Option

* if Windows 7/8 online updatefunction is needed, then Intel Skylake downgrade is recommended