MLC 4-21

21.5” Medical PC with 4th Gen Intel® Core™ i7/i5 and fully-sealed enclosure (IP65)



Features

- Modular high-performance medical computer with 4th Gen Intel® Core™ i7/i5 processor
- 21.5” Full HD resolution, projected capacitive touchscreen (PCT) with multi-touch support
- Fully-sealed enclosure design (IP65 rated)
- Disinfectable, washable, fanless and maintenance-free
- Optional: RFID, barcode scanner, Bluetooth and wireless LAN

Specifications

System

CPU	Intel® Core™ i7-4700EQ 2.4GHz
	Intel® Core™ i5-4402E 1.6GHz
Chipset	Intel® QM87 Chipset
Graphics	Intel® HD Graphics 4600 (supports 3 external displays)
RAM	Up to 16 GB DDR3 1600 MHz
Memory Cache	Core™ i7: 6 MB; Core™ i5: 3 MB
OS	Windows 7, Windows 8 and 8.1
Storage	SSD, mSATA III, HDD

Interfaces

Display	21.5”, 1920 x 1080
Buttons	Power button
	Touchscreen On/Off (e.g. for cleaning)
	Brightness control
	2x HDMI
	1x VGA
I/O	3x RS-232 (optional 2x or 4x galv. isolated)
	2x 10/100/1000Ethernet
	2x USB 3.0, 1x USB 2.0
	1x PCIe x16 expansion slot
Power	Internal, fanless medical power supply
	100-240VAC input, max. output 150W

Mechanical

Size (W x H x D)	532 x 324.1 x 77 mm
Weight	< 10 kg
Housing	Aluminium (powder coatedl)
Mounting	VESA 100
Cable Cover	Cable cover with easy access USB 2.0 port

Display Panel

Touchscreen	Optional projected capacitive touch (PCT) with multi-touch support, extended transparency and anti-glare treatment
Monitor	21.5”, 1920x1080 resolution

Environmental

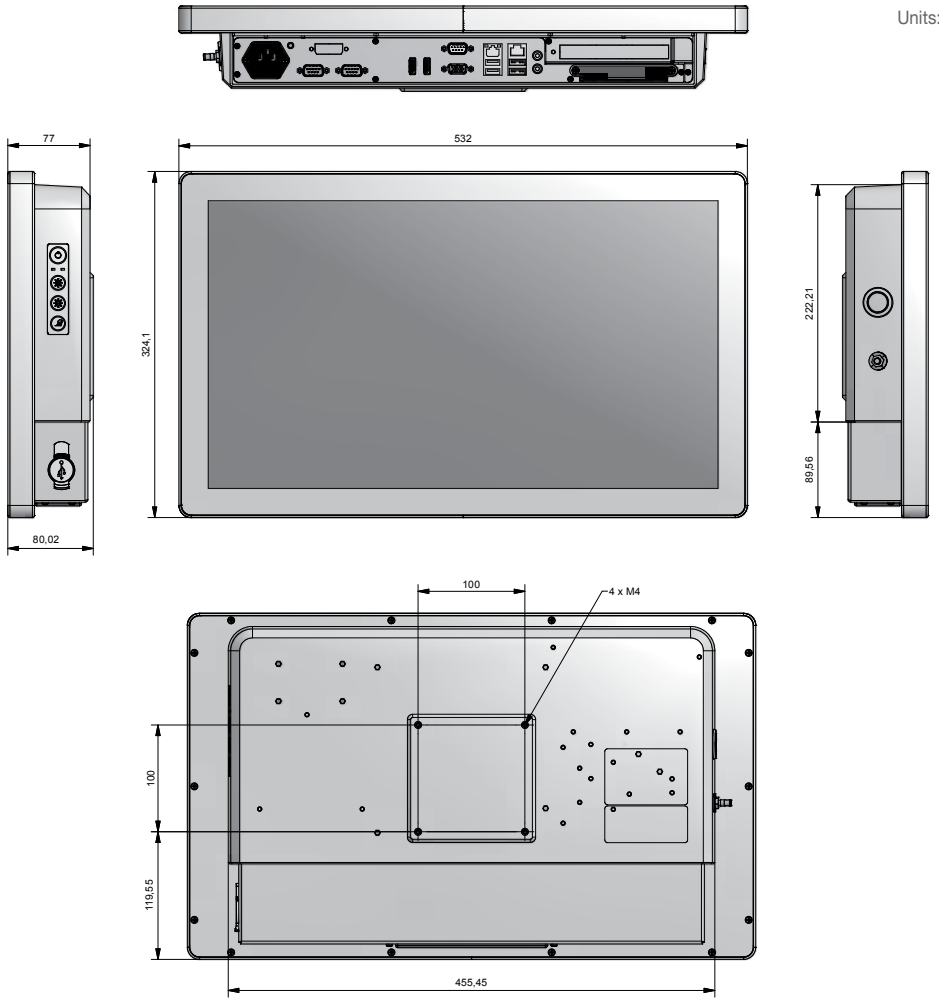
Operating Temp.	0°C to +35°C
Storage Temp.	-10°C to +60°C

Certificates

EN 60950-1:2006 / A12:2011
EN 55022:2010
EN 55024:2010
EN 61000-3-2:2006 + A1:2009 + A2:2009
EN 61000-3-3:2008
EN 60601-1:2006
EN 60601-1-2:2007
RoHS compliant

Dimensions

Units: mm



Ordering Information

Order Number	Description
10.005.00012	MLC 4-21 Intel® i7™ 4th generation CPU, 16,7 Mio. color FullHD 21,5" TFT-LCD with PCAP 4 point multitouch, 2x RJ45 Ethernet 10/100/1000 MB/s 3x RS232, 2x USB 3.0 , 2x USB 2.0, 2x HDMI , 1x VGA, IP65
10.005.00013	MLC 4-21 Intel® i7™ 4th generation CPU, 16,7 Mio. color FullHD 21,5" TFT-LCD with laminated satefy glass, 2x RJ45 Ethernet 10/100/1000 MB/s 3x RS232, 2x USB 3.0 , 2x USB 2.0, 2x HDMI , 1x VGA, IP65
10.005.00016	MLC 4-21 Intel® i5™ 4th generation CPU, 16,7 Mio. color FullHD 21,5" TFT-LCD with PCAP 4 point multitouch, 2x RJ45 Ethernet 10/100/1000 MB/s 3x RS232, 2x USB 3.0 , 2x USB 2.0, 2x HDMI , 1x VGA, IP65
10.005.00018	MLC 4-21 Intel® i5™ 4th generation CPU, 16,7 Mio. color FullHD 21,5" TFT-LCD with laminated satefy glass, 2x RJ45 Ethernet 10/100/1000 MB/s 3x RS232, 2x USB 3.0 , 2x USB 2.0, 2x HDMI , 1x VGA, IP65

Optional Accessories

Order Number	Description
40.005.00004-A.0	Operating System Windows® 7 Prof. 32Bit German
40.005.00005-A.0	Operating System Windows® 7 Prof. 64Bit German
40.005.00001-A.0	Operating System Windows® 7 Ultim. 32Bit English
40.005.00003-A.0	Operating System Windows® 7 Ultim. 64Bit English
15.010.00147	With COM2 COM3 galvanic isolated
15.010.00146	With COM4 COM5 galvanic isolated
15.010.00148	WLAN/Bluetooth module
15.010.00150	PCIe x16 raiser card
15.010.00151	With galvanic isolated network
15.010.00152	Upgrade to 8 GB DDR3
15.010.00153	Upgrade to 16 GB DDR3

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Note: All specifications are subject to change without further notice.