MLC-AL/MLC-KL Series

Medical Panel Computer

The MLC-AL/MLC-KL panel computer is a cost-efficient solution when space is limited. MLC-AL/MLC-KL features hygienic design, clear image, and functionalities to meet application requirements for better patient care.



Clear Image & High Flexibility

Increase productivity for medical personnel

- 13.3" / 15.6" Full HD display with PCAP multi-touch functionality
- Excellent visualization on anti-glare coated safety glass
- Optional soft-touch OSD buttons and LED status bar for the 15.6“ MLC-AL/MLC-KL
- Versatility with different CPU, RAM and SSD options

Hygienic Design

Easy to clean and disinfect

- Completely sealed, screwless aluminum housing with dust- and liquid-proof front unit
- Edge-to-edge protective glass

Increased Safety

Protect life and enhance reliability

- Meets standards IEC 60601-1:2012 & EN 60601-1:2013
- Meets standards IEC 60601-1-2:2014 & EN 60601-1-2:2015
- Galvanically isolated Ethernet and serial ports

Where Can It Be Used?

The MLC-AL and MLC-KL help streamline patient care by supporting a range of systems from mobile X-rays and ventilators to blood and tissue analysis and vital sign monitoring. Information from different sources can be aggregated and visualized to manage, for example, operating theatre videos, inventories, and documentation.



Operation Room



Intensive Care Unit



Emergency Room



Examination Room

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Model Name		MLC-133-AL	MLC-156-AL	MLC-133-KL	MLC-156-KL
					
Computing System	CPU	Intel Atom® x5-E3930 1.3 GHz		Dual-core Intel® Core™ i3 7100U 2.4 GHz	
	Graphics	Intel® HD Graphics 500		Intel® HD Graphics 620	
	Memory	4 GB DDR3L (Up to 8 GB)			
Display Characteristics	Size	13.3"	15.6"	13.3"	15.6"
	Resolution	1920 x 1080, Full HD			
	Max. Colors	16.7M	16.2M	16.7M	16.2M
	Viewing Angle	178° horizontal / 178° vertical			
	Luminance (cd/m²)	360	270	360	270
Storage	SSD	M.2 SATA SSD (Default 64 GB)			
I/O Ports	Serial	1x RS232/422/485 (4 kV isolated)			
	USB	1x USB 2.0 & 1x USB 3.0			
	HDMI Port	1x HDMI			
	LAN	1x Ethernet 10/100/1000 Mbit/s (4 kV isolated)			
	Audio	1x Speaker & 1x Line-In			
Power		9-36 V DC with external medical grade PSU			
Environmental	Operating	0°C to 35°C/ 5% to 90% rel. humidity (non-condensing)			
	Storage	-20°C to 60°C/ 5% to 90% rel. humidity (non-condensing)			
Mechanical	Dimensions (mm)	352 x 224 x 57	399 x 263 x 71	352 x 224 x 57	399 x 263 x 71
	Weight (Kg)	3.2	4.3	3.2	4.3
	Housing	Aluminum, powder-coated, anti-bacterial			
	Mounting	VESA 100 x 100			
Certificates		IEC60601-1:2012 & EN60601-1:2013 (Safety ed. 3.1) IEC60601-1-2:2014 & EN60601-1-2:2015 (EMC 4th edition)			

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