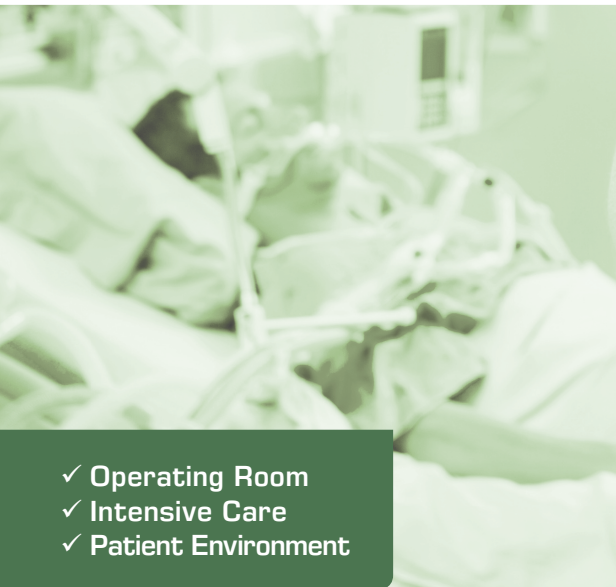


THA.leia³

Medical Panel-PC



- ✓ Operating Room
- ✓ Intensive Care
- ✓ Patient Environment

THA.leia³ - Versatile. Hygienic. Reliable.

Diverse Applications

Available in screen sizes 21,5", 24" and 27", with many processor / memory configurations and expandable through numerous options, the THA.leia³ is proven in the operating room, as well as in the lab or on the ward.

Excellent Display

No question of perspective: Due to the wide viewing angle of 178°, the IPS display of the THA.leia³ delivers contrast-rich and color-stable images in a wide viewing range. The Optical Bonding option significantly improves the image quality even in difficult light conditions.

Hygienic & Safe

Easy to clean and no germs swirls in operation: Thanks to the front cover, which is completely finished in glass and the fanless cooling concept, the THA.leia³ fulfills the highest hygienic standards. The optional galvanic isolation of the serial and network interfaces provides additional protection for patients and operators in sensitive applications.

Robust & Reliable

On the THA.leia³ you can rely even in 24/7 continuous operation. The robust metal housing protects the electronics reliably and the use of certified industrial components guarantees high operational safety.

Hygienic Client

Brings thin client functionality into the operating room or the intensive care unit: With the configuration of the THA.leia³ as a hygienic client, you can take advantage of modern IT structures even in applications with high demands on hygiene, safety and performance.

Useful Extra Benefits

The THA.leia³ offers useful additional functions and options to assist you in your work, such as the eco-function for energy saving, the dimmable reading lamp or the LCD power adapter for connecting a second display OMNI.view².

Technical Data

Systemboard	
CPU	Intel® Core™ i3/i5/i7, 6 th or 7 th Generation
Chipset	Intel® Q170 Express Chipset
RAM	Max. 32 GB
RAM Type	DDR4 SO-DIMM (Single/Dual)
Cooling System	Heatpipe, no fans
Drives	
HDD / SSD	Max. 2 x 2,5" SATA-III
RAID	Level 0/1, onboard
Video / Audio	
Graphics	Intel® HD Graphics (dep. on CPU), onboard
Audio	Realtek ALC671, 5.1 HD Audio
Display	
Panel	21,5", 24", 27" (IPS technology)
Resolution	1920 x 1080 Pixel (Full HD)
Viewing Angle	Horizontal 178°, vertical 178°
Colors	16,7 Mio.
Brightness	250 cd/m ²
Pixelerror	Class 1
Pixelsize	21,5" and 24" 0,2475 mm 27" 0,3114 mm
Interfaces	
USB	5 x USB 3.0 (4 x rear, 1 x front), 4 x USB 2.0
PS/2	1 x keyboard 1 x mouse
Video	2 x DisplayPort V1.2, 1 x DVI-D
LAN	2 x Ethernet 10/100/1000
COM	1 x RS232
PCI	1 x PCI Express x16 or 2 x PCI Express x8
Audio	1 x Line In, 1 x Line Out
Power Supply	
Optionally internal or external power supply:	
Internal	230 V AC, 50/60 Hz, 250 W max.
Ext. Power Adapter	12 V DC
Housing	
Material	Metall, powder coated
Color	Housing RAL 9003 (white, matted) Glasprint RAL 9003 (white)
Protection Class	Front IP65, rear IP54
Dimensions	21,5" 543 x 348 x 90 mm (W x H x D)
	24" 595 x 379 x 90 mm (W x H x D)
	27" 677 x 431 x 90 mm (W x H x D)
Weight	21,5" approx. 10 kg
	24" approx. 12 kg
	27" approx. 14 kg (Depending on options)
Mounting	VESA 100

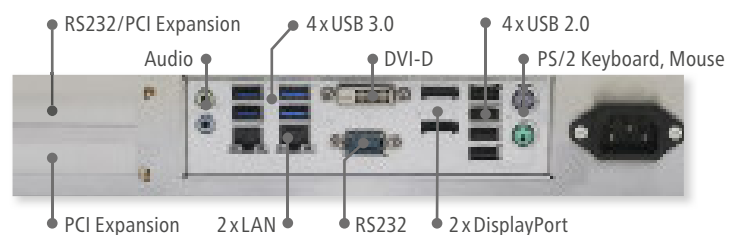
Environmental Conditions	
Operating	Temperature +10 °C ... +40 °C
	Humidity 10 % ... 85 %, non-condensing
Storage	Temperature -20 °C ... +60 °C
	Humidity 10 % ... 85 %, non-condensing
Potential Equalization	
Equipotential bonding bolt according to DIN 42801	
Operating System	
CPU 6 th Generation: Windows® 7, Windows® 10, Linux®	
CPU 7 th Generation: Windows® 10, Linux®	
Conformity	
CE, EN 60601-1, EN 60601-1-2	
Options	
Optical Bonding (version OB)	
PCAP (projected capacitive) Touchscreen (version T)	
Optical Bonding + PCAP Touchscreen (version OBT)	
WLAN, Bluetooth®	
24/7 HDD/SSD, Framegrabber	
RS232 extension , up to 3 x RS232, galvanically isolated	
LCD Power Adapter	
Internal IP65 speaker	
Optional Accessories (not included)	
Stand	
Hygienic keyboard, hygienic mouse	
Galvanic network isolation	
Galvanic COM port isolation (4 kV)	
Functions	
ECO-Mode	Disables touch screen, display and the optional LCD Power Adapter. The system continues to run in the background.
Reading Lamp	LED, dimmable
Touchscreen	Disables the touch screen function



Stand with VESA 100 mounting.



Extra benefits: Dimmable lamp and a front-side USB interface.



THA.leia³ - Connector panel, IP54 Interface cover removed