# PANA.ceia³

## Medical Workstation



✓ **Versatile Application**
✓ **High Performance**
✓ **Patient Environment**

## PANA.ceia³ Medical Workstation

**Versatile Workstation**

Medical desktop PC in industrial quality designed for use in a broad range of medical applications. Excellent as a PACS workstation, powerful workstation in doctors´s office, in the ambulance or in the laboratory as well as in the patient environment.

**Scalable Performance**

No need to compromise: With the different CPU and memory configurations and the wide range of options, the PANA.ceia³ adapts to the application's requirements and to your budget

**High Safety Standard**

The PANA.ceia³ is designed for use in a patient environment. The power supply unit tested and approved according to EN 60601-1 and EN 60601-1-2, the potential equalization bolt and the optional galvanic isolation of the serial interfaces ensure the protection of patients and personnel.

**Robust & Reliable**

The robust, powder-coated steel sheet housing and the use of industry graded components guarantee high operational safety even in 24/7 continuous operation.

**MCD Extra Warranty**

For this reason, as a standard feature we offer a three-year warranty on the products of the MCD Medical Line, which can be extended to five years.

## MCD Medical Line

*Medical Devices + Solutions*

## Technical Data

| Systemboard | |
| --- | --- |
| CPU | 6th./7th. Generation Intel® Core™ i3/i5/i7 |
| Chipset | Intel® Q170 Express Chipsatz |
| RAM | Max. 64 GB |
| RAM Type | DDR4 (Single/Dual) |

| Drives | |
| --- | --- |
| HDD / SDD | Max. 2 x 3,5" SATA-III |
| RAID | Level 0/1, onboard |

| Video / Audio | |
| --- | --- |
| Graphics | Intel® HD Graphics (dep. on CPU), onboard |
| Audio | ALC671 (5.1HD) |

| Interfaces | |
| --- | --- |
| USB | 2 x USB 2.0, 4 x USB 3.0<br>4 x USB 2.0 (onboard), 3 x USB 3.0 (onboard) |
| PS/2 | 1 x keyboard, 1 x mouse |
| Video | 1 x DVI-I, 2 x DisplayPort V1.2 |
| LAN | 1 x 10/100/1000 (Intel i219LM) |
| COM | 1 x RS232 |
| Audio | 1 x Mic In, 1 x Line In, 1 x Line Out |
| PCI | 1 x PCIe x16 (4 lanes)<br>1 x PCIe x16 (16 lanes)<br>2 x PCIe x1 |

| Power Supply | |
| --- | --- |
| Internal | 100 - 230 V AC, max. 400 W |

| Potential Equalization |
| --- |
| Equipotential bonding bolt according to DIN 42801 |

| Environmental Conditions | |
| --- | --- |
| Operating | Temperature +10 °C ... +35 °C<br>Humidity 10 % ... 85 %, non condensing |
| Storage | Temperature -20 °C ... +60 °C<br>Humidity 10 % ... 85 %, non condensing |

| Housing | |
| --- | --- |
| Material | Metal, powder coated |
| Color | RAL 9003 (white, matted) |
| Protection Class | IP20 |
| Dimensions | 425 x 161 x 300 mm (W x H x D) |
| Weight | Approx. 12 kg (depending on options) |

| Operating System |
| --- |
| Windows 7 (only with INTEL 6th. i-Core CPU)<br>Windows 10, Linux |

| Conformity |
| --- |
| CE, EN 60601-1, EN 60601-1-2 |

| Options |
| --- |
| Optical drive DVD±RW |
| LCD Power Adapter (max. 2) |
| USB extension: 2 x USB 3.0 side mounting |
| Twofold RS232 extension, fourfold RS232 extension |
| Framegrabber, Graphics adapter, LWL interface |

| Optional Accessories (not included) |
| --- |
| Hygienic keyboard, hygienic mouse |
| Galvanic network isolation |
| Galvanic COM isolation (4 kV) |

USB extension, side mounting
2 x USB 3.0 (option)

Optical drive
(option)

Equipotential bonding bolt

Certified power supply

LCD Power Adapter (option, max. 2x)

PS/2 keyboard, mouse, 2 x USB 2.0

Twofold RS232 extension (option)

1 x PCIe x16 (4 lanes)
1 x PCIe x16 (16 lanes), 2 x PCIe x1

Audio: 1 x Mic In, 1 x Line In, 1 x Line Out

LAN, 4 x USB 3.0

1 x RS232

Video: 1 x DVI, 2 x DisplayPort

Management System
EN ISO 13485:2012
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CERTIFIED
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