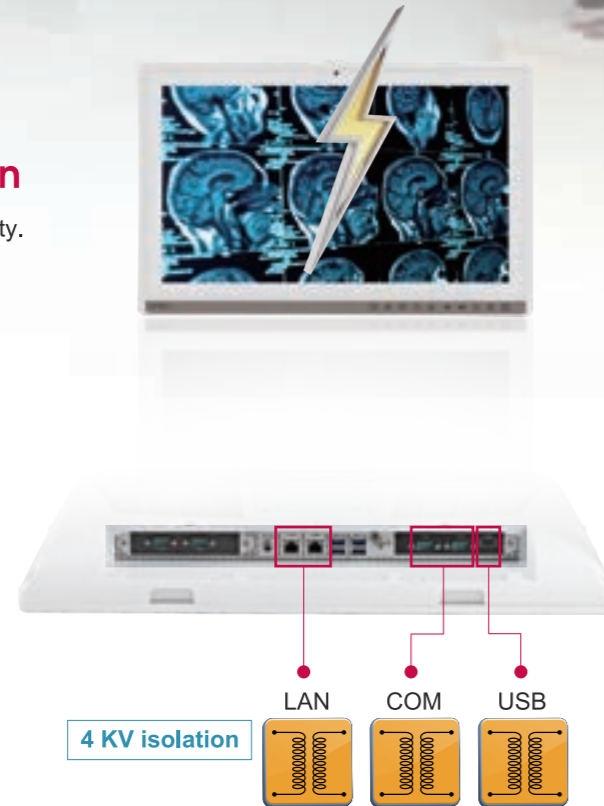## 15KV(air)/8KV(contact) ESD Protection

Electrostatic Discharge (ESD) protection is crucial for system reliability. ZEUS provides reliable system-level ESD circuit protection to IEC 61000-4-2 +/-15KV(air) and +/-8KV(contact) standards.

Isolation I/O for Electrical Safety

4 KV isolation for LAN, COM and USB port is crucial to protect patients from harmful surges or spikes in electrical signal.

LAN   COM   USB

4 KV isolation

ORION – Hospital IT Management Software Package

ORION is designed with an intuitive and user-friendly graphical user interface that offers unlimited control and ease of use for IT managers in healthcare environments. The greatest benefit of ORION is its usefulness in managing large numbers of devices from a centralized location.

ZEUS-248
24" 1920 x 1080 LCD

ZEUS-228
22" 1920 x 1080 LCD

ZEUS-198
19" 1280 x 1024 LCD

Processor	Intel 6th Generaion Core i7/i5/i3 Processor
System Memory	Dual Channel DDR4-2133 SoDIMM up to 32GB
Storage Disk Drive	2.5" SATA HDD/SSD x1 M.2 SSD x1 Slim DVD-RW Drive x1(optional)
Expansion	PCI Express[x4] Slot x1 + PCI Express[x1] Slot x1(optional)
Security	Trusted Platfrom Module Smart Card Reader(optional) RFID Reader(optional)
I/O Port	USB 3.0 x 4, USB 3.1 x 2, Isolated USB 2.0 x 1(optional) Isolatated RS-232 x 2(optional) Isolated Gigabit LAN x 2 Display Port x 2(optional) Mic(optional)/Line-out(optional)
Touch Screen	Capacitive Multi-Touch / 5-wire Resistive Touch
Power Requirement	DC 12~24V, 22Wh Backup Battery(optional)
OS Support	Windows 7, Windows 8.1, Windows 10, Linux
Operating Temperature	0°C ~ 40°C(32°F ~ 104°F)
Certification	CE, FCC Class B Passed 18,cULus Mark/UL+VTC Report+ISO 14971(CAN/CSA-C22.2NOo.60601-1-08; ANSI/AAMI ES60601-1:2005, EC 60601-1-1:2005, EN 60601-1:2006 ISO 14971)

22Wh UPS Battery Kit

Dual Isolated COM and One Isolated USB PCIe Card

DICOM Module

Contact Information

Skylake IP54 Infection Control Multi-Touch Clinical Workstation

www.onyx-healthcare.com

ZEUS-248

ZEUS-228

ZEUS-198

onyx
Smart Healthcare   an /ISUS assoc. co.

About ZEUS

The new ZEUS series is especially aimed at usage inside the OR Theaters, ICU Departments, Recovery Rooms and Pre-OP Departments. Due to its improved scalable performance it's the ideal clinical work station for use with various software packages like PDMS, Vital Signage Monitoring, Orthopaedic Navigation, 3D Medical Reconstruction, DICOM Viewers and so on. In short, the logical choice for all your clinical workstation needs.

The new ZEUS will be offered with well known features like fan less, reading light, dimmed display for ICU applications, several DICOM settings for DICOM viewer's applications etc. Amongst additional features Onyx Healthcare Inc. implemented in this new series are: Pop Up messages in every language to give user guidance to end users, a closed back cover for hygienic intense departments and hygienic intense applications and 2 PCIe slots for maximum flexibility to choose the IO you require for specific connections to additional medical devices. The new ZEUS will also be compatible with our remote management software package ORION which enables IT departments to remotely manage software and activate all kinds of settings from behind their desks.

UMC Utrecht in Holland shows the surgeons at work and skull replacement

The ZEUS is in use during a skull replacement procedure in which a skull is replaced by a 3D printed one.
The ZEUS is used to display the procedure.

www.onyx-healthcare.com

Cutting Edge Skylake & DDR4 Technology

- Maximum processing power is guaranteed with an Intel 6th Generation Skylake Core i7-6600U 3.4 GHz Dual-Core Processor.
- Lightning fast dual channel DDR4-2133 memory supports up to 32 GB of memory at 34.1 GB/s so that nothing slows down your system.
- Two super speed 10 Gbps USB 3.1 ports support the latest specification to maximize data transfer.
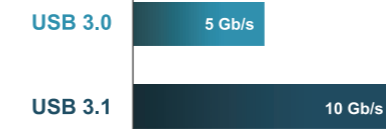
32GB
DDR4 Memory

3.4GHz
6th Gen. Core i7 CPU

10Gb/s
USB 3.1 Flash Disk

DDR4

SkyLake

USB 3.1

| USB 3.0 | 5 Gb/s |
| USB 3.1 | 10 Gb/s |

Dual PCI Express Expansion Capability

Dual PCI Express Slots (PCIe [x 4] + PCIe [x 1]) offer unlimited expansion options such as isolated I/O card, frame grabber card and IEEE 1394 card etc. to meet medical application requirement.

DICOM Compliance Display

DICOM

ZEUS supports DICOM Part 14 grayscale standard to display accurate radiology PACS images such as xray, ultrasound, CT and MRI images.

High Security Data and System Access Management

Trusted Platform Module (TPM), smart card reader, and RFID reader provide data security and control system access.

RFID   TPM   Smart Card

TPM Data Security

Friendly User Experience

- Allow to use up to three layers medical glove on capative multi-touch screen
- Programmable dual-color control buttons with adjustable brightness give you maximum control in any environment.
- Control button pop-up messages take the guesswork out of knowing button functions.
- Convenient reading light helps users read in low light conditions.

3 Layers Medical Glove

On Screen Message for Control Button

Dual-Color Control Button

Reading Light

Front Panel IP65

Infection Control

- A completely enclosed casing and fanless design eliminate the need for ventilation holes making the ZEUS 100% waterproof.
- The flat front and back panel design reduces dust accumulation and promotes easy cleaning and maintenance.

Fan-less

IP54 Waterproof