

HPW 410



HIGH PERFORMANCE WORKSTATION

- ▶ long term availability up to 7 years to meet requirements of medical device industry
- ▶ superior reliability and easy maintainability for maximum ROI and reduced maintenance costs
- ▶ up to 3 high performance GPGPU expansion cards for extensive graphics
- ▶ modular concept provides endless application capabilities

POSSIBILITIES START HERE



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Medical devices and applications today create and process more and more data to improve healthcare and ultimately patients life. This requires high performance of hardware in computing and graphics which is matching long term availability and traceability of the embedded components to maintain a product that is used in a medical environment.

Long-term product availability up to seven years, superior reliability and utilisation of industry standard components for easy maintainability allow customers to maximise ROI while also minimising their service and maintenance costs. With a low noise level (< 40 dBa) the systems are ideally suited for noise sensitive environments.

► TECHNICAL INFORMATION*

SYSTEM	HPW 410
DIMENSION	177 x 482 x 472 mm (4U x 19" x 18.58")
WEIGHT	Approx. 20 kg
PROCESSOR	Intel® XEON™ E5-2600 v3 series
RAM	Up to 128 GByte (per processor)
FRONT I/Os	2x USB 3.0
REAR I/Os	2x USB 3.0 4x USB 2.0 2x LAN Audio 1x RS232 1x DP
INTERNAL DRIVES**	2.5" SATA SSD 2.5" SATA HDD
REMOVABLE DRIVES**	DVD R/W 2x 2.5" HDD removable 1x 3.5" HDD removable 3x 3.5" HDD removable
POWER SUPPLY	100-240 V AC (80+)
EXPANSION SLOTS	2x PCIe x16 GEN3 (Single XEON™) 3x PCIe x16 GEN3 (Dual XEON™)
CERTIFICATIONS	CE, UL, CSA
ALTITUDE	2000 m
SHOCK ACC. TO EN 60068-2-27	Operating: 15 G 11 ms duration (no HDD) Storage: 30 G 11 ms duration (half-sinus)
VIBRATION ACC. TO EN 60068-2-6	Operating: 10-500 Hz: 1G/3 axis Storage: 10-500 Hz: 2G/3 axis
OPERATING TEMPERATURE	0°C to +50 °C
STORAGE TEMPERATURE	-20°C to +70 °C
HUMIDITY	10% to 90% @ 35 °C, non-condensing
MTBF	> 50.000h
VERIFIED OS	Windows 7/10 Windows Server 2012 Red Hat Linux

*) strictly confidential information, to be shared only with vital NDA agreement and approval by Product Management. All features are subject to change.

**) optional, not all combinations possible

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