

HPW 410



High performance industrial server for challenging or noise sensitive environments

- ▶ Industrial grade for challenging environments – robust, reliable and sustainable
- ▶ High processing capability: with (1) or (2) Intel® Xeon® E5
- ▶ Modular concept allows easy customization
- ▶ Low noise design

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HPW 410

Kontron's HPW 410 has been designed for demanding environments and sophisticated industrial applications handling big amounts of data and to satisfy high requirements in computing and GPU power.

Characterized by customizable features like removable drives, single or dual Intel® Xeon® E5 processors and up to 3 GPGPU

expansion cards, the HPW 410 is ideally suited not only for high performance shop floor applications, but due to its low noise level (< 40 dBa) for noise sensitive environments.

Superior reliability, extended operational performance and easy maintenance contribute towards maximization of ROI while at the same time minimizing service and maintenance costs.

► TECHNICAL INFORMATION

SYSTEM	HPW 410
DIMENSION	177 x 482 x 472 mm (4U x 19" x 18.58")
WEIGHT	Approx. 22 kg
PROCESSOR	(1) or (2) Intel® Xeon® E5-2600 v4 series
RAM	8/16x DIMM DDR4-2133/2400 up to 256/512 GByte ECC support
FRONT I/OS	2x USB 2.0
REAR I/OS	Single CPU: 2x USB 3.0, 4x USB 2.0, 2x LAN, 1x Audio, RS232 (opt.) Dual CPU: 2x USB 3.0, 2x USB 2.0, 2x LAN, 1x VGA, RS232 (opt.)
DRIVE OPTIONS	3x 5.25" SATA drive bays 1x 2.5"/3.5" SATA drive internal RAID support
POWER SUPPLY	100-240 V AC 1200 W (80+)
EXPANSION SLOTS	7/6 Slots PCIe (Full High)
EXPANSION CARDS	NVIDIA Quadro M4000
CERTIFICATIONS	CE, designed for UL
ALTITUDE	2000 m
SHOCK* ACCORDING TO EN 60068-2-27	Operating: 15 G 11 ms duration Non-operating: 30 G 11 ms duration
VIBRATION ACCORDING TO EN 60068-2-6	Operating: 10-150 Hz: 1G/3 axis Non-operating: 10-150 Hz: 2G/3 axis
OPERATING TEMPERATURE	0 °C to +50 °C
STORAGE TEMPERATURE	-20 °C to +70 °C
HUMIDITY	10 % to 93 % @40 °C, non-condensing
MTBF	> 50.000 h
VERIFIED OS	Windows 10 Windows Server Linux

*) no HDD

► Global Headquarters

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