KUMO VI

Digital signage PC with Nvidia RTX3060

The KUMO VI is equipped with an Intel® Core i5-11400H processor and an Nvidia RTX 3060. This mini PC is the perfect companion for power-hungry digital signage applications. Applications in the fields of virtual reality, artificial intelligence and machine learning are also a breeze for the KUMO VI. The integrated NVIDIA RTX 3060 has 3,680 CUDA cores, which enable parallel computing processes and therefore significantly accelerate graphics-intensive applications and GPU-accelerated software. In addition, the modern ray tracing technology of the RTX series ensures realistic light and shadow effects, allowing visual content to be displayed with a particularly high level of detail and quality.

Thanks to the combination of a powerful CPU and dedicated RTX graphics card, the KUMO VI offers exceptionally high graphics and computing power in a compact industrial PC. The 3,680 CUDA cores of the NVIDIA RTX 3060 support complex calculations in areas such as AI training, machine learning, 3D rendering or video processing. At the same time, hardware-accelerated ray tracing enables a realistic display of light reflections and shadows - an advantage for demanding visualizations, simulations or modern digital signage content with particularly high image quality.

Technical Data

System

CPU	Intel® Core i5-11400H (FCBGA1787, 6 cores)
GPU	Intel® UHD Graphics
RAM	16 GB SO-DDR4 (up to 64GB)
SSD / HDD	512 GB M.2 NVMe SSD

I/Os

Front	1 x PowerButton 1 x USB 3.1 Gen2 1 x Thunderbolt 4 1 x Line-Out 1 x Mic-In 1 x SD/SDHC/SDXC card slot
Back	2 x HDMI 2.1 2 x DisplayPort 1.4a 4 x USB 3.1 Gen2 1 x Gigabit LAN

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Representation by
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Sporrer Michael

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I/Os

	1 x 2.5 Gbps LAN

Environment / Mass

Dimensions (W x D x H)	208 mm x 204 mm x 61 mm
Ambient conditions (operation)	0°C to +35°C
Cooling	active
Idle power consumption in W	44

Extensions

M.2	KeyM 2280 KeyM 2280 KeyE 2230

Miscellaneous

Operating system	Windows 11 Professional, Windows 10 IoT Enterprise 2021 LTSC Value
PSU	19.5 V / 17A
Standards & Certificates	CE
Class A warning	The device is intended for use in industrial environments. Operation of this device may cause radio interference in residential areas.
Warning for 802.11a use	If you want to use the WLAN module according to 802.11a in the 5 GHz range: Use in the 5150 MHz – 5350 MHz frequency range is only permitted indoors!

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