

RUGGED Ryzen



Outdoor digital signage powered by AMD

The fanless RUGGED Ryzen is equipped with an AMD® Ryzen V1807 CPU. Thanks to the extended temperature range, a wide range power input and the variety of interfaces, the system can be used in the outdoor digital signage and even in vehicles.

Technical Data

System

CPU	AMD® Ryzen V1807B
GPU	AMD® VEGA 11
RAM	16 GB SO-DDR4 (up to 32GB)
SSD / HDD	500 GB SATA SSD (up to 1 TB)

I/Os

Front	1 x PowerButton 2 x SIM card slot 2 x USB 3.0 2 x USB 3.1 4 x Gigabit LAN
Back	1 x Mic-In 1 x Line-Out 1 x Line-In 4 x DisplayPort 1.3 4 x Gigabit-LAN 2 x COM RS232 / 422 / 485

Environment / Mass

Dimensions (W x D x H)	260 mm x 226 mm x 89 mm
Ambient conditions (operation)	-40°C to +70°C
Cooling	passive
Idle power consumption in W	18

Extensions

M.2	KeyE 2230
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Miscellaneous

Operating system	Windows 10 / 11
PSU	9V – 36V / 6-24A
Standards & Certificates	CE, FCC Class A, E13
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!