

RUGGED Ryzen



Outdoor digital signage powered by AMD

The RUGGED Ryzen is the ideal embedded PC for **demanding outdoor and vehicle applications**. Equipped with the powerful AMD® Ryzen V1807 CPU and the integrated AMD® VEGA 11 GPU, the AMD player can display content in razor-sharp 4K resolution on up to four displays simultaneously. Thanks to passive cooling, the RUGGED Ryzen works reliably without a fan, making it particularly low-maintenance and quiet. Its extended temperature window of -40°C to +70°C and the wide range power input (9-36 V) make it a versatile system for digital signage solutions, vehicle installations or industrial outdoor use.

Technische Daten

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

Environment / Mass

Idle power consumption in W	18
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Extensions

M.2	KeyE 2230
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Miscellaneous

Operating system	Windows 10 / 11
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PSU	9V – 36V / 6-24A
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Standards & Certificates	CE, FCC Class A, E13
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Class A warning	The device is intended for use in industrial environments. Operation of this device may cause radio interference in residential areas.
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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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