



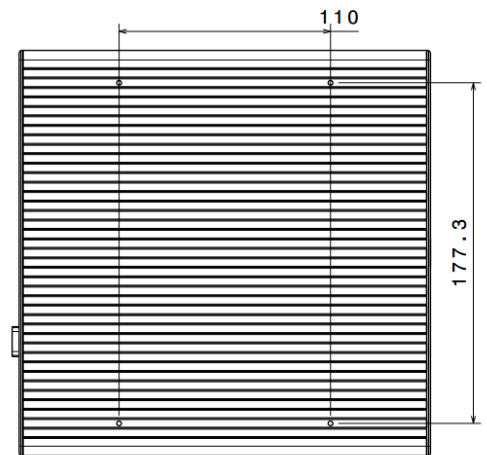
Fanless IM1950



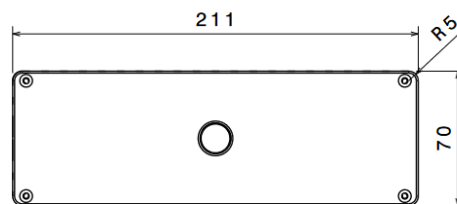
- Scalable: Dual- or Quad-Core SoC
- 4x Displayport 1.4
- AMD Radeon graphics
- Fanless / Maintenance-free

4x M3 on the bottom
depth: 3 mm

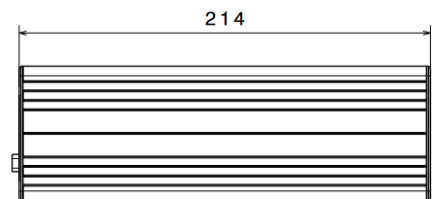
Fanless IM1950: rugged and versatile digital-
signage-player and general purpose IPC



Untersicht
Maßstab: 1:2



Seitenansicht rechts
Maßstab: 1:2



Vorderansicht
Maßstab: 1:2

Factsheet

Physical properties	
Chassis	Full-metal aluminium construction, black anodized
Dimensions	214x211x70 mm (BxTxH)
Cooling	Passive with Heatpipes
Mounting options*	Mounting threads, DIN-rail, VESA, Wallmount, 19" bracket
Weight	2,0 kg
Hardware	
Formfactor	Mini-ITX
CPU	AMD Embedded R2312, 2x 2.7 – 3.5 GHz AMD Embedded R2314, 4x 2.1 – 3.5 GHz
RAM	4, 8, 16, 32 GB DDR4
Storage	1x 60GB – 1TB m.2, 2x 250GB – 2TB 2.5"
Graphics	AMD Radeon Vega Graphics
Communication	
WLAN*	802.11 b/g/n/ac + Bluetooth or AX module
LTE*	4G / 5G module
Others	Upon request
I/O	
I/O front	- up to 2x USB 2.0
I/O back	2x USB 3.1 gen2, 2x USB 3.1 gen1, 2x RJ GLAN, 4x Displayport 1.4 (per DP++ convertible to HDMI and DVI), 1x RS232, 1x RS232/422/485, 2x Audio, 1x DC-In
I/O internal**	2x USB 2.0, 1x LVDS, 2 RS232, 2x SATA, 1x USB Type-A, 1x mPCIe, 2x m.2, GPIO
Power Supply	
PSU	60W external PSU
Power input	8..32 V DC Wide-Input, 5.5x2.5 mm barrel plug, optional: PhoenixContact plug
Redundancy	Optional
Power draw	Idle: ~7W, full-load: ~40W
Compatibility	
OS	Windows 10 / 11 (IoT), Linux
Others	
Environment	
Operating temp. range / Humidity	0..50°C / 10...95%, non-condensing
Protection class	IP50
Compliance	
Conformity	CE, RoHS, REACH
General	
Scope of delivery	IPC, documentation, PSU, certificate of conformity
Language	EN, DE
Long-term-availability	Until 2028
Warranty	3 years, optional 4, 5 years
Country of Origin	Deutschland
Tariff code	84715000

*Depending on actual system configuration / may require optional accessory

**Maybe occupied due to actual system configuration