



Fanless ISEC0100 + ISEC0110

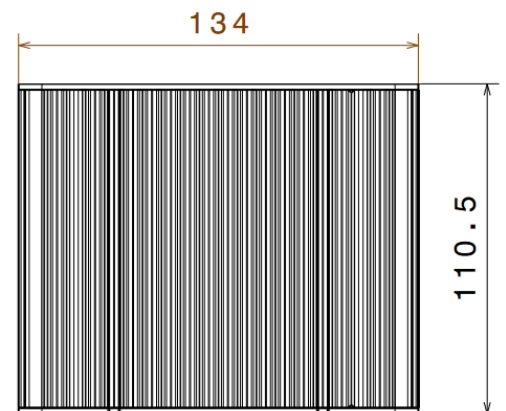


- 2x LAN (4x LAN) + WLAN
4G/5G optional
TPM optional
- Redundant Power Supply
- OpenWRT Open Source Firmware
- Made in Europe

Fanless ISEC0100 + 0110 are Networking-Firewall-Appliances for industrial and non-industrial use.

The devices secures IT- and OT-networks and wireless infrastructures and add cellular and VPN functionality.

The devices are based on european made components and open source software, mitigating the risk of hidden backdoors.





NETWORKING / FIREWALL
APPLIANCE
FANLESS ISEC0100
FANLESS ISEC0110

PN: TBD

Issued: 11/25
Status: released

Factsheet

ISEC0100		ISEC0110
Physical properties		
Chassis	Full-metal aluminium construction, black anodized	
Dimensions	134x110.5x52 mm (WxDxH)	
Cooling	Passive	
Mounting options*	Mounting threads (slot nuts), DIN-rail, VESA, 19"	
Weight	0,8 kg	
Hardware		
Formfactor	TX-Team eNUC carrierboard + Raspberry PI CM5	
CPU	Broadcom BCM2712, 4x2.4GHz	
RAM	2GB LPDDR4-4267, ECC	4GB LPDDR4-4267, ECC
Storage	16GB eMMC	32GB eMMC
Graphics	SoC integrated, 2x 4k@60Hz, improved 3D / AI	
Communication		
WLAN*	802.11 b/g/n/ac + Bluetooth 5.0, BLE	
LTE*	4G/5G module, m.2 upon request	
Others	TPM module optional	
I/O		
I/O front	DC-In (redundant), Power Button	DC-In (redundant), 2x GLAN (Intel i210), Power Button
I/O back	1x USB 2.0, 2x RJ45 (LAN + GLAN), 1x HDMI	
I/O internal**	1x 40 pin GPIO header, 1x m.2 key B 2242 (USB + PCIe for SSD/4G-5G/expansion modules), 1x PoE Header, 1x Battery header for RTC, 1x µCF socket, 1x SIM socket, 1x Frontpanel Header	
Power supply		
PSU	2x FSP060DHAN3 optional	
Power input	8..28V DC-In, redundant, PhoenixContact plug	
Redundancy	-	
Power draw	Idle: ~2.5W, full-load: ~12W	
Compatibility		
OS	OpenWRT for Raspberry PI 5 Standard Image Other OS upon request	
Others		
Environment		
Operating temp. range / Humidity	-10..+70°C / 10...95%, non-condensing	
Protection class	IP50	
Compliance		
Conformity	CE, RoHS, REACH	
General		
Scope of delivery	IPC, documentation, certificate of conformity	
Language	EN, DE	
Long-term-availability	Until 2034	
Warranty	3 years, 4/5 years*	
Country of Origin	Germany	
Tariff code	84715000	

*Depending on actual system configuration / may require optional accessory

**Maybe occupied due to actual system configuration