

K105F Signage Player

The K105F is a compact media player that runs on Windows and operates without a fan. It is designed to run continuously 24/7.



Windows 11 IoT



Fanless



RTC Power
Scheduling



Triple 4K 60 Hz



Dual LAN

Ports



1. Power Button
2. Recovery Key
3. 1x USB 3.1 (Type-C)
4. USB 3.1 (Type-A)
5. 3.5mm audio



6. DB-9 RS232
7. D/C in
8. RJ45
9. USB 2.0 (Type-A)
10. HDMI 2.0
11. Displayport 1.4

Intel Alder Lake

Performance

Processor	Intel Core i5-1235U - 2P/8E/12T
Memory	Up to 64GB DDR4 3200MHz
Storage	Up to 4TB NVMe SSD
Graphics	Intel Iris Xe Graphics
Operating System	Windows 11 - Home / Pro / Enterprise IoT No operating system - Optional

System

Power Supply	External 90W brick (19V 4.74A, 5.5mm x 2.5mm)
TPM	TPM 2.0
Audio	Realtek HD Audio
RTC	Power scheduling supported

Physical

In the box	K105F system Power supply Power Cable VESA mounting bracket
Dimensions	190mm x 148mm x 45mm
Weight	Gross Weight: 2.08Kg Net Weight: 1.29Kg
Packaging	Paper: 212g (82.81%) Plastic: 44g (17.19%)

Optional Extras

Upgrades	Intel Wi-Fi 6E (802.11ax) + BT 5.3 4G / 5G
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Conformity

Conformity	UKCA / CE / FCC / ROHS
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Connectivity

Networking	Dual Realtek 1Gb LAN Wi-Fi 6 (802.11ax) & Bluetooth 5.2
Front IO	1 x USB 3.1 (Type-C) 2 x USB 3.1 (Type-A) 2 x 3.5mm audio (1 x Mic & 1 x Headphones)
Side IO	2 x DB-9 RS232
Rear IO	2 x HDMI 2.0 1 x Displayport 1.4 4 x USB 2.0 (Type-A) 2 x LAN (RJ45) 1 x D/C in

Warranty

Standard	1 year collect and return
Optional Upgrades	Up to 5 years total cover Extended Service Plan

Environment

Operating Temperature	-5°C to 45°C
Operating Humidity	10% to 90% non-condensing
Storage Temperature	-20°C to 70°C
Storage Humidity	5% to 95% non-condensing

Please note that the system images are examples and may differ based on chosen specifications. Some products shown in system images may be subject to availability. Please contact our team if you have any questions regarding configuration.

Supported Resolutions

Supported Resolutions

Video Format			Output		
Shorthand	Resolution	Refresh rate (Hz)	HDMI	HDMI 2	DisplayPort
1080p	1920×1080	30	Yes	Yes	Yes
		60	Yes	Yes	Yes
4K	3840×2160	30	Yes	Yes	Yes
		60	Yes	Yes	Yes
5K	5120×2880	30	No	No	Yes
		60	No	No	Yes
8K	7680×4320	30	No	No	Yes
		60	No	No	No