

K105F Media Player

Intel® 12th Generation Alder Lake

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



24/7 operation



Quiet operation



Intel® Iris® Xe
Graphics



4G/5G capable



Support 8k



System	
Processor	Intel® Core™ i5-1235U - 2P/8E/12T - 4.4GHz boost - 80 graphics EUs
Memory	Up to 32GB DDR4 up to 3200MHz
Storage	1x 2280 M.2 NVMe
Graphics	Intel® Iris® Xe Graphics
Networking	Dual Realtek® 1Gb LAN M.2 WiFi (optional) M.2 4G/5G (optional)
Audio	Realtek® HD Audio
Operating System	Windows® 11 - Home / Pro Windows® 10 IoT Enterprise 2019 - LTSC/CB No operating system - Optional
TPM	TPM 2.0
Power Supply	External 90W brick (19V 4.74A, 5.5mm x 2.5mm)
Dimensions	190mm x 148mm x 45mm
Weight	1.4kg

Ports	
Front IO	2x USB 3.1(Type-A) 1x USB 3.1(Type-C) 2x 3.5mm audio (1x Mic, 1x Headphone)
Rear IO	4x USB 2.0 (Type-A) 2x HDMI 2.0 1x Displayport 1.4 2x RJ45 1x D/C in
Side IO	2x DB-9 RS232

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

In the box	
Standard	K105F system Power supply VESA mounting bracket



Ports & Slots					
1.	Power Button			7.	D/C in
2.	Activity LED			8.	RJ45
3.	USB 3.1(Type-C)			9.	USB 2.0 (Type-A)
4.	USB 3.1(Type-A)			10.	HDMI 2.0
5.	3.5mm audio (1x Mic, 1x Headphone)			11.	Displayport 1.4
6.	DB-9 RS232				

K105F supported resolutions					
Video format			Output		
Shorthand	Resolution	Refresh rate (Hz)	HDMI 1	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