

AVerAI Series Comparison Table

AVerMedia is able to help our client to successfully resolve their system compatibility issues, optimize system cost and performance, ensure project schedule, reduce R&D resource investment, and create product differentiation in their video and audio applications on our edge computing platform. Please click on [here](#) for further details.

NVIDIA Jetson		Nano & Xavier NX								Tegra									AGX Xavier		
AverMedia Model Name		EN713-AAE9		EN715-AAC2		EN717-AAE5		EX731-AA00			EX731-AAH2			EX713-AA00			EA713-AAMN				
SOM	Version	Nano Version B01	Xavier NX	Nano Version B01	Xavier NX	Nano Version B01	Xavier NX	TX2	TX2	TX2i	TX2	TX2	TX2i	TX2	TX2	TX2i	AGX Xavier	AGX Xavier			
	Memory	4GB	8GB	4GB	8GB	4GB	8GB	4GB	8GB	8GB	4GB	8GB	8GB	4GB	8GB	8GB	8GB	16GB			
PCB Dimensions (L x W)mm		170x170		87x60		TBD		117x77			117x77 (2 layers)			170x170			170x220				
Type	Carrier Board	2020/2/21		V		2020/4/15		2020/1/31			2020/1/31			X			V				
	Box PC	X		V		X		V			V			X			X				
I/O	HDMI Input	X		X		1		X			2			X			X				
	HDMI Output	1		1		1		2			2			1			1				
	Display Port	1		X		X		X			X			X			X				
	USB 3.0	4		2		2		4			1			2			2				
	Ethernet	1		9		1		5			1			1			2				
Others		PoE support *8		PoE support *8		MIPI CSI-2 *2		MIPI CSI-2 *2			PoE support *4			PoE support *4			X				
Capture card support		X		CM311-H, C353, C351, CN311-H, CN3125W		X			CN311-H			C353, CM313B, C351			CM311-H, C353, C351, CN311-H, CN3125W						
Operating temperature	SOM	-25°C ~ 90°C		-25°C ~ 90°C		-25°C ~ 70°C			-40°C ~ 85°C			-25°C ~ 70°C			-40°C ~ 85°C						
	Carrier Board (Celsius)	0°C ~ 70°C		-25°C ~ 85°C		-20°C ~ 70°C			X			0°C ~ 70°C			-40°C ~ 85°C						
	Fan Box PC (Celsius)	X		X		14-Jan-20		TBD			-20°C ~ 60°C			0°C ~ 40°C			0°C ~ 50°C				
	Fanless Box PC with HDD (Celsius)	2020/2/21		X		X		TBD			TBD			X			X				
Fanless Box PC without HDD (Celsius)	2020/2/21		X		X		TBD			X			X			-10~60					
Accessory	Adaptor	Carrier Board		54V/2.78A		54V/2.78A		X			X			54V/2.78A			54V/2.78A				
	Fan AI BOX	X		X		12V/5A		12V/5A			X			12V/5A			12V/5A				
	Fanless AI BOX	54V/2.78A		54V/2.78A		X		X			X			X			12V/5A				
	40pin connector (1.27 to 2.54 mm)	X		X		X		1			1			1			X				
Pluggable terminal block	1		1		X		X			2			2			X					
Euro-lock to DC Jack Power Extension Cable	X		X		1		1			X			X			X					

*All specifications are subject to change without prior notice.