Embedded Processor Specifications

YE1404C4T4MFB

	Compare	MODEL	PRODUCT TYPE	FAMILY
		All	All	All
−	☐	AMD Ryzen™ Embedded V1404I with Radeon™ Vega 8 Graphics (/en/product/9126)	SOC	AMD Ryzen™ Embedded V-s

Model:	AMD Ryzen™ Embedded V1404I with Radeon™ Vega 8 Graphics
Product Type:	SOC
Family:	AMD Ryzen™ Embedded V-series Processors
Line:	V-Series V1000 with Radeon™ Vega Graphics
OPN:	YE1404C4T4MFB
TDP:	12-25W
CPU Type:	Zen
CPU Base Freq.:	2GHz
CPU Max Freq.:	3.6GHz
# of CPU Cores:	4
# of Threads:	8
GPU Brand:	AMD Radeon™ Vega 8 Graphics
GPU Max:	1100 MHz
GPU CU:	8
# Displays:	4
Display Interfaces:	up to 4x HDMI 2.0b or 4x DP 1.4
Max Resolution (for single display):	4096x2160
HW Video Encode / Decode:	up to 4K @60Hz
Security Processor:	Yes
Total L2 Cache:	2MB
Total L3 Cache:	4MB
System Memory Type:	DDR4@2400 MHz
Memory Controller:	Dual Channel w/ECC
Ethernet:	2x 10GbE
USB:	1x USB 2.0, 1x USB 3.1 Gen1, 4x USB 3.1 Gen2
SATA:	2
Low Speed Interfaces:	AZ, EMMC, eSPI, GPIO, I2C, I2S, LPC, SD, SMBus, SPI, UART
PCI Lanes:	16L Gen3
Junction Temp Range:	-40-105°C
Infrastructure:	FP5
Last Time Buy:	2028
Recommended for new designs:	Yes

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