



18F2E1 Agent NAS

Key Feature

- Jetson™ Orin NX:157/117 TOPS,16/8GB LPDDR5
- Jetson™ Orin Nano:67/34 TOPS,8/4GB LPDDR5
- 1xHDMI,4xUSB Type-A,1xRJ45
- Expansion: Built-in 1x M.2 E 2230, 2x M.2 M(2230/2280)
- Operating Temperature:-25°C~+60°C
- Pre-installed with OpenClaw and other agentic AI applications

Introduction

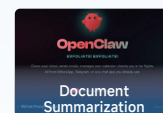
The 18F2E1 is a compact agentic NAS powered by the NVIDIA Jetson Orin NX / Orin Nano system-on-module, delivering up to 157 TOPS of AI computing performance in a 115 × 100 × 39 mm form factor. It combines on-device AI model deployment and inference with network-attached storage, enabling AI-driven data processing without cloud dependency.

Pre-installed with OpenClaw and other agentic AI applications, the 18F2E1 performs automatic file categorization, content retrieval, document summarization, note generation, and RAG knowledge base construction directly on stored data. RJ45, USB 3.0, and HDMI interfaces provide connectivity with existing NAS devices, allowing seamless integration of existing storage assets.

The 18F2E1 is designed for personal knowledge management, enterprise data asset management, and localized intelligent storage scenarios where data privacy and low-cost compute are priorities. All processing happens on-premise — data never leaves your device.



Website



Specifications

Module	Jetson Orin NX 16GB	Jetson Orin NX 8GB	Jetson Orin Nano 8GB	Jetson Orin Nano 4GB
AI Performance	157 TOPS	117 TOPS	67TOPS	34TOPS
GPU	1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores			512-core NVIDIA Ampere architecture GPU with 16 Tensor Cores
CPU	8-core Arm® Cortex® -A78AE v8.2 64-bit CPU2MB L2 + 4MB L3	6-core Arm® Cortex® -A78AE v8.2 64-bit CPU1.5MB L2 + 4MB L3	6-core Arm® Cortex®-A78AE v8.2 64-bit CPU 1.5MB L2 + 4MB L3	
Memory	16GB 128-bit LPDDR5 102.4GB/s	8GB 128-bit LPDDR5 102.4GB/s	8GB 128-bit LPDDR5 102 GB/s	4GB 64-bit LPDDR5 51 GB/s
Storage	(Support external NVMe)			
Video Encoding	1x 4K60 (H.265) 3x 4K30 (H.265)、6x 1080p60 (H.265) 12x 1080p30 (H.265)		1080p30, supported by 1-2 CPU cores	
Video Decoding	1x 8K30 (H.265) 2x 4K60 (H.265)、4x 4K30 (H.265) 9x 1080p60 (H.265)、18x 1080p30 (H.265)		1x 4K60 (H.265)、2x 4K30 (H.265) 5x 1080p60 (H.265)、11x 1080p30 (H.265)	
Display	1 x HDMI			
USB	4×USB 3.0 Type-A			
Networking	1x RJ45			
Wireless	WIFI5 (Standard Configuration)			
Expansion	1x M.2 E key (2230) 、1x M.2 M key (2230) 、1x M.2 M key (2280)			
Serial Ports	1x TTL			
Temperature	-25°C~+60°C			
Dimensions	115mm×100mm×39mm			
Power	DC 9V~19V			
Weight	471g			

Interfaces

