



HB368F21-6412-W Intel® Elkhart Lake SoC-6412 Fanless PC

Elkhart Lake J6412 SoC powers this small form factor dynamo Fanless PC with 3 x Display Ports and support for three displays. Multiple USB, 2 x LAN, and an 8 bit GPIO via Phoenix Connector make this ideal for customizing to fit whatever Industrial need arises. Lightweight and compact, this Fanless Computer gives excellent bang for the buck.

SPECIFICATIONS

CPU	Intel® Elkhart Lake SoC Processor (J6412 , TDP 10W)
Memory Type	DDR4 3200MHz SO-DIMM up to 32GB
Memory Slots	1
Integrated Graphics	Intel® HD Graphics, shared memory
Video	3 x Display Ports (max resolution: 4096×2160 @60Hz)
LAN Ports	2 x Realtek RTL8119I GbE
TPM	2.0 (Optional)
Extended Interface	1 x M.2 E-key (2230, PCIe Gen.3 x1/USB 2.0), 1 x M.2 B-key (3042, USB 3.0)
Storage	1 x M.2 M-key (2242/2280, PCIe Gen.3 x2/SATA) supports NVME, 32GB eMMC onboard (optional)
Rear I/O	2 x RJ45, 2 x USB3.1(Gen.2), 1 x USB2.0, 1 x 8-bit GPIO (Phoenix Connector 2×9 PIN), 2 x RS232/422/485 (Phoenix Connector 2×9 PIN), 1 x DC-in (Lockable)
Front I/O	1 x Power button + Power LED, 4 x USB2.0, 1 x Audio(Line out+MIC), 1 x Line-in, 3 x DP
Power Requirement	– Adapter : AC 90~240V input / DC12V_60W output, Motherboard: DC12~36V input
Dimensions	160.2 (W) x 106 (D) x 43.5 (H) mm
Weight	1.52Kg
Operating Temperature	-20 ~ 80° C
Storage Temperature	-40 ~ 85 °C
Relative Humidity	10% ~ 95% RH @40°C (non-condensing)
OS Software Supported	Windows 11, LINUX
Certification	CE, FCC, LVD, RoHS, ErP Ready
Global P/N / SKU	1708574

Ordering Options

1708574A - HB368F21-66412-W (without WiFi) 1708574B - HB368F21I-6412-W(with WiFi)

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