

ELIT-1060-AI

HAILO

Ultra Compact Triple Display Terminal Powered by Intel® Elkhart Lake Processor & Hailo-8™ M.2 AI Accelerator



Features

- Palm-sized Box PC with Edge AI compatibility
- Intel® Celeron® N6210 (1.5M Cache, up to 2.60 GHz) & pre-installed Hailo-8™ M.2 AI accelerator
- Support Triple Display: 2 x HDMI, 1 x DisplayPort
- Onboard 32GB eMMC
- Dual 2.5Gb ethernet & Support TPM 2.0
- 1 x COM, 2 x USB3.2 (Gen.2), 1 x USB2.0, 2 x USB Type-C
- 1 x M.2 M-key, (2260/2280), 1 x M.2 E-key (2230)

System

CPU	Soldered onboard Intel® Celeron® N6210 Dual Core Processor, 1.20GHz
AI Processor	Hailo-8™ AI Processor, up to 26 Tera-Operations Per Second (TOPS) *FPS of Hailo-8 is 2.5 times better than Orin Nano 4GB
Memory	1 x 260 pin DDR4 SO-DIMM socket up to 32GB (4GB DDR4 SO-DIMM pre-installed)
LAN	2 x Intel® i225V controller
Chipset	SoC Integrated
Graphics	Intel® UHD Graphics for 10 th Gen Intel® Processors
Watchdog Timer	1~255 levels reset
TPM	Support TPM 2.0

Storage

Type	Onboard 32GB eMMC 1 x M.2 M-key (2260/2280, PCIe Gen.3 x2/SATA interface) with Hailo-8™ AI accelerator pre-installed
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Audio

Type	Line-out/ MIC-in combo
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Button

Button	Power on/off button
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Power System

Power Input	DC 12V input by lockable DC Jack
Power Consumption	Box PC Power Consumption: Typical 24W (w/o I/O cards) Hailo-8™ M.2 AI accelerator power consumption: Typical 2.5W

Qualification

Certification	CE, FCC Class A
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I/O

Serial Ports	1 x DB-9 connectors for RS232(Default)/422/485 (R1/5V/12V)
USB Ports	2 x Type-A USB 3.2 (Gen 2) 1 x Type-A USB 2.0 2 x Type-C USB 3.2 (Gen 2)
LAN	2 x RJ-45 ports for 2.5 GbE LAN
Video Ports	1 x DP (Max Resolution: 4096x2160@60Hz) 2 x HDMI 2.0 (Max Resolution: 4096x2160@60Hz)
Expansion Bus	1 x M.2 E-key (2230, PCIe Gen.3 x1/ USB2.0 interface) for Wireless connective
Others	2 x Antenna holes

Mechanical

Mounting Type	Desktop (default) Wall-mount and DIN-Rail mount (optional)
Chassis	Aluminum alloy
Dimensions (W x D x H)	118 x 108 x 48mm
Weight (Net)	0.66kg

Environmental

Operating Temp.	-20 ~ 60°C
Storage Temp.	-20 ~ 60°C
Operating Humidity	10%-95% RH @ 60°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation
Shock	Operating 50G (11ms) with eMMC

OS Support

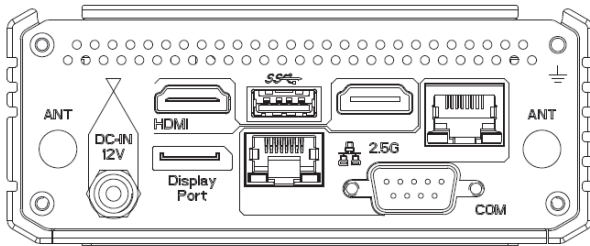
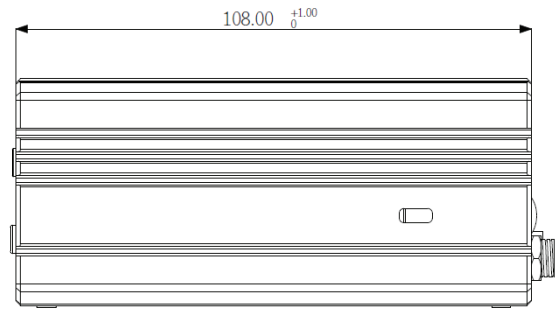
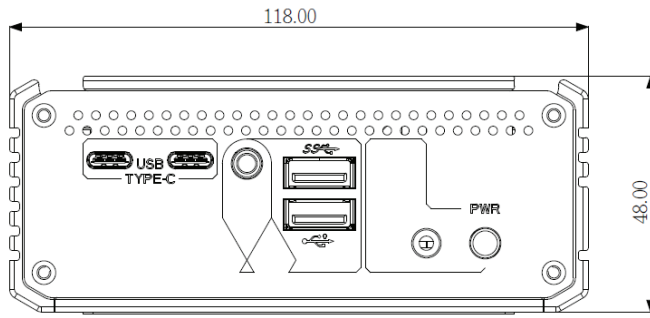
Windows® 10 IoT ; Windows® 11 IoT
Ubuntu 22.04 above, Ubuntu 22.04 host OS,
Hailo SW via Ubuntu container

*Hailo-8™ M.2 Driver

Note: Please register on <https://hailo.ai>, and download the device driver.



Dimensions



Optional Accessories

PAC-60W1A-FSP-ES AC/DC ADAPTER KIT, 12V, 60W, 2.5 DC JACK LOCKABLE w/ EU & USA POWER CORD



MM-4C-8G/16G DDR4-2400 8GB/16GB SO-DIMM MEMORY



64GB M.2 SSD M.2 M-key 2280, 64GB, SATA3.0



WiFi-AT3550 Atheros QCNFA364A M.2 WiFi module w/ 2*30cm internal wiring



ANT-D11 1 x Wi-Fi Dual-band 2.4G/5G antenna



DRK-1060 ELIT-1060 DIN Rail Kitt



WMK-1060 Wall Mount Kit For ELIT-1060



*CTOS means Configure-to-Order Service.