



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

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|------|---|
| 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 |
|------|---|

Audio

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|------|------------------------|
| Type | Line-out/ MIC-in combo |
|------|------------------------|

Button

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|--------|---------------------|
| Button | Power on/off button |
|--------|---------------------|

Power System

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|-------------------|--|
| 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 |
|---------------|-----------------|

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 |
| LAN | 2 x Type-C USB 3.2 (Gen 2) |
| | 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 |

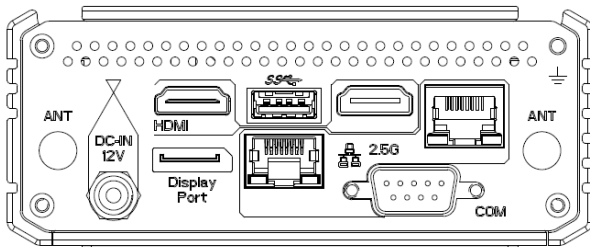
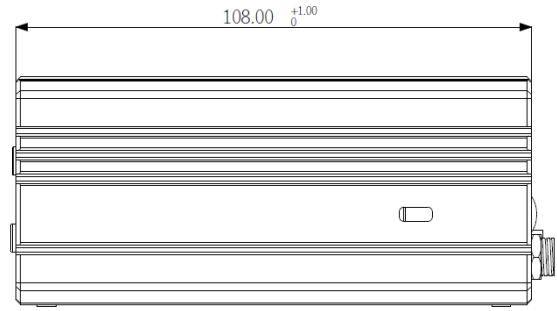
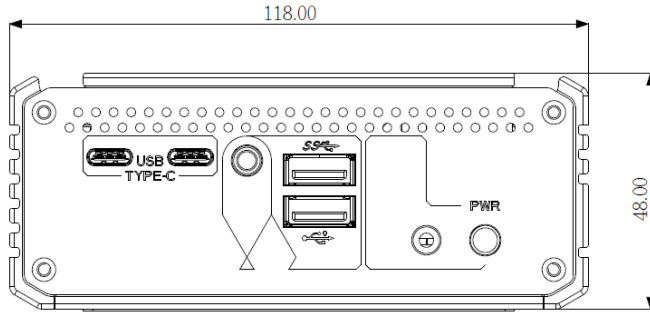
OS Support

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 Kit |  |
| WMK-1060 | Wall Mount Kit For ELIT-1060 |  |

*CTOS means Configure-to-Order Service.