

IE32SB3-101AI

Edge AI Computer with Hailo-8™ M.2 AI Acceleration Module



KEY FEATURES

- Intel Atom® x6413E Processor 1.5M Cache, up to 3.00 GHz
- Integrated 26 TOPS Hailo-8™ AI Processor with best power efficiency
- Low latency and high-efficiency AI inferencing on edge device
- 1 x DDR4 SO-DIMM 3200 MHz, max. 16GB
- Supports 2 x USB 3.2 Gen 2x1, Max. 3 x COM
- Elegant and slim mechanic



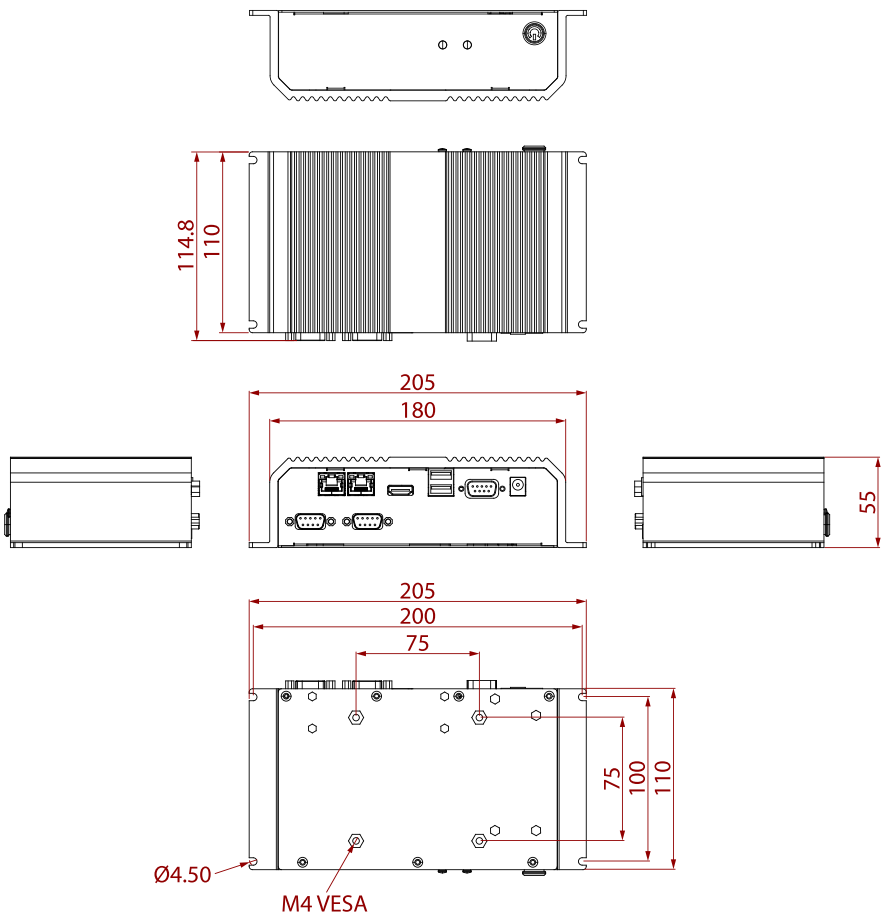
SPECIFICATIONS

System Specification			
Processor	Intel Atom® x6413E (up to 3.0GHz)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 8GB 16GB (Optional)
Storage	1 x M.2 2242 B-key SSD 256GB 512GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
AI Accelerator	Hailo 8™ AI accelerator module, up to 26 TOPS	Graphic Card	Hailo 8™ AI accelerator module, up to 26 TOPS
Mechanical			
Dimension	205 x 110 x 55 mm	Weight	1.1 kg
Mounting	Desk Mount	Enclosure	Metal Housing
Cooling System	Fanless design		
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 55°C
Storage Temperature	-10°C to 60°C		
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12V DC, 2.5φ DC jack	USB Port	2 x USB3.2 Gen2x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1~2 x RS232 (Optional)	Video	1 x HDMI 2.0 (Optional)
LAN	2 x 2.5 Giga LAN RJ45 Connector		
Control			
Button	1 x Power Button		
Accessory			
Accessory	1 x 100~240V AC to DC Adapter 1 x Power Cord 1 x Quick Start Guide 6 x M4*8 desk mount screws		

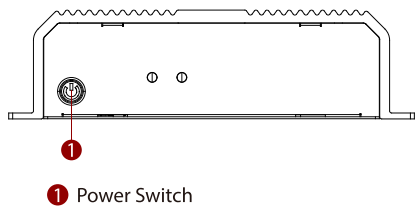
Power	
Power Rating	12V DC

DIMENSIONS

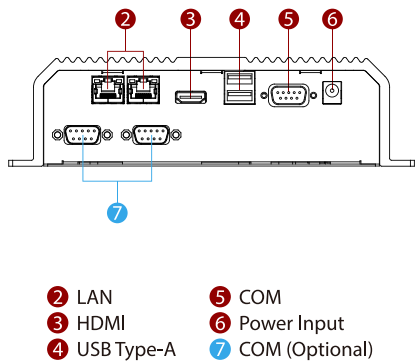
UNIT:MM



Front side I/O



Rear side I/O



NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.