



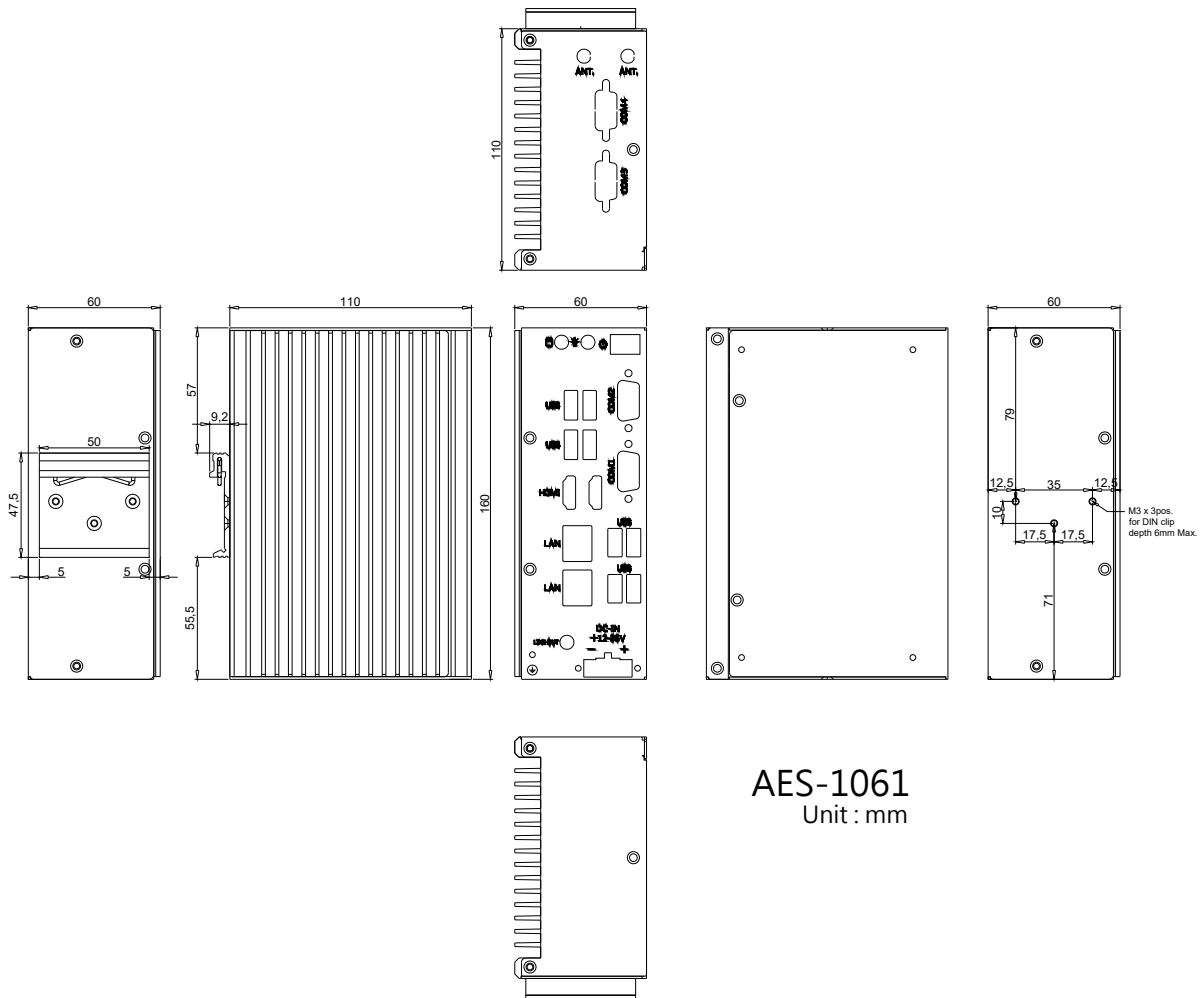
Features

- Intel Processor N97, 4 cores, 6MB Smart Cache, up to 3.6 GHz
- Supports DDR5 4800MHz, 1xSO-DIMM, up to 16GB system memory
- 2x HDMI, 2x Intel 2.5GbE LAN, 2x USB 3.1, 6x USB 2.0
- 2x COM, COM1/2 by RS-485/422/232, optional COM3/4 by RS-232
- 1x M.2 2280 M-Key, 1x M.2 2230 E-Key
- 1x Full-size mini-PCIe with 3G/4G SIM slot, onboard TPM 2.0
- DC +12~36VDC input, optional 60W(12V/5A) power adapter
- Supports Microsoft Windows 10 IoT 64bit
- Designed for extreme operating environment as outdoor applications

Specifications

AES-2360 Series Key Features		AES-1061-M0G00P0	AES-1061-M8NA8P0
Processor System	CPU Max. Speed	Max Turbo Frequency up to 3.6GHz	
	L2 Cache / Core	6MB Intel Smart Cache, 4-Core	
	CPU/ TDP	N97 / 12W	
	BIOS	AMI SPI 256Mbit	
	Graphics Processor	Intel UHD Graphics	
Security	TPM	Onboard TPM 2.0 (Infineon SLB9670VQ2.0)	
Expansion Slot	M.2 M-Key	1 x M.2 M-Key 2280 (PCIe Gen3 x2)	With 128GB NVMe SSD
	Mini-PCIe	1 x Full-size and with 3G/4G SIM slot	
	M.2 E-Key	1 x M.2 E-Key 2230(PCIe x1/USB 2.0) for Wireless	
Memory	Specification (SO-DIMM)	1 x DDR5 4800MHz SO-DIMM (option up to 16GB)	
	System Memory	W/O memory	With DDR5 8GB
Graphics	HDMI	2 x HDMI 2.0, maximum resolution up to 4096x2160 @ 60Hz	
Ethernet	LAN Gigabit Controller	2 x 2.5GbE LAN (Intel I225V)	
Storage	M.2 M-Key	1 x M.2 M-Key 2280 (PCIe x2)	
	2.5" SATA Driver	1 x 2.5" SATA HDD/SSD (option)	
System I/Os	Power-On Button	1 x Moment button switch to turn-on system	
	System Power LED	1 x LED for system power status	
	HDD LED	1 x LED for HDD/SSD data access status	
	HDMI	2 x HDMI	
	Ethernet	2 x RJ45	
	USB Type A	2 x USB 3.2(Gen 2), 6 x USB 2.0	
	COM1 Port	1 x DB9 (RS-232/422/485 with 5V/12V selectable)	
	COM2 Port	1 x DB9 (RS-232/422/485)	
	Audio	1 x Audio port (Line-out), Realtek ALC897 by Headphone Jack	
	System Power Input	1 x DC-IN by 2-pin connector	
Optional I/Os	COM3/4 Ports	2 x DB9 (RS-232)	
	Antenna	2 x Antenna	
Operation System	Windows 64-bit	Win 10/11 IoT 64-bit	
	Linux 64-bit	Ubuntu	
Watchdog Timer	Output and Interval	System reset, programmable 1 ~ 255 sec/min; 1 sec. or 1min. /step	
Power Requirement	DC Input	12~36Vdc input (option DC12V/5A 60W adapter)	
Environment	Operating Temperature	0°C ~ 50°C(32°F ~ 122°F)	
	Air Flow condition	50°C ~55°C (122°F ~131°F) w/0.7m/s air flow	
	Storage Temperature	-40 ~ 85°C (-40°F ~ 185°F)	
Physical Size	Dimensions	160mm(H) x 110mm(D) x 60mm(W)	
Packing Size	Dimensions (Single)	Single Packed: 240mm(W) x 150mm(D) x 160mm(H)	
	Dimensions (Bulk)	Bulk Packed(10 pcs): 550mm(W) x 420mm(D) x 330mm(H)	
Weight	N.W / G.W.	Single packed: 1.1Kg / 1.5Kg, Bulk packed: 16Kg	
Certifications	EMC	CE/FCC Class A	

Dimensions Outlook



AES-1061
Unit : mm

Ordering Information

Part Number	CPU	HDMI	2.5GbE	USB 3.1	USB 2.0	COM	DDR4 RAM	M.2 M-Key 2280	60W 12V/5A PSU
AES-1061-M0M00P0	N97	2	2	2	6	2	Option	Option	Option
AES-1061-M8NA8P0	N97	2	2	2	6	2	8GB	128GB PCIe2	Option
AES-1061-M8NB6P0	N97	2	2	2	6	2	8GB	256GB PCIe2	Option
AES-1061-M8NA8P1	N97	2	2	2	6	2	8GB	128GB PCIe2	60W 12V/5A

Optional Items

Part Number	Description
SODIMM-DDR5-M8	204-Pin SODIMM DDR4-2133 8GB wide temperature
M2-NA8(2280)	M.2 2280 128GB NVMe M-KEY (PCIe2)
M2-NB6(2280)	M.2 2280 256GB NVMe M-KEY (PCIe2)
AC-9260	M.2 2230 (E-KEY) Wi-Fi Module, Intel AC9260 802.11abgn + Bluetooth 5.0, dual band 2T2R
DHAN3-60W-2P	AC-DC 60W Adapter, 90V-264Vac input by C14 socket, DC 12V@5A output with 2-pin phoneix connector
AES-DRC050-01	DIN Rail Clip of AES-1021/1030/1061 series
AES-WM-BK	AES Wall Mount Kits with Screws