

# AND-EL6KE1

Intel® Elkhart Lake Platform, Desktop Networking Appliance



## Features

- Intel® Elkhart Lake Platform
- 4 core SoC
- 1 x SO-DIMM DDR4
- 1 x 2.5" SSD, & 1 x mSATA
- Fanless Design
- Dual DC-in for redundancy



## Specification

### System

CPU	Intel®Celeron® J6412 Processor (4 core)
Chipset	Intel®Elkhart Lake SoC
Memory	1 x SO-DIMM DDR4
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

### Video

Video Interface	HDMI
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### Ethernet

Chipset	Intel® I211, i210
Connector	4 x GbE Copper (RJ-45) 1 x 1GbE Fiber (SFP)
LAN bypass	None

### Storage

HDD Bay	1 x 2.5" SATA-III port
mSATA	1 x mSATA socket

### I/O

Console port	1 x Serial console (RJ-45)
USB port	2 x USB
GPIO	8-bit GPIO (4-In, 4-Out), Optional on-board pin header
Expansion	Mini Card Socket (PCIe + USB 2.0, full size) with SIM x1 Mini Card Socket (PCIe, half size) x1 Optional 2nd 4/5G feature (Project base)
Antenna port	6 x SMA for WLAN&4/5GLTE

## Others

Battery	Lithium Battery, 3V 220mAH (CR2032)
Hardware Monitoring	CPU Volt. CPU & SYS Temp.
Security	Optional TPM 2.0 (Infineon chip)
Crypto	AES-NI

## Power Requirement

Power Supply Unit	2x DC 12V 40W Adapter
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## Software

OS Support	Linux Kernel 4.8 or above, (64-bit)
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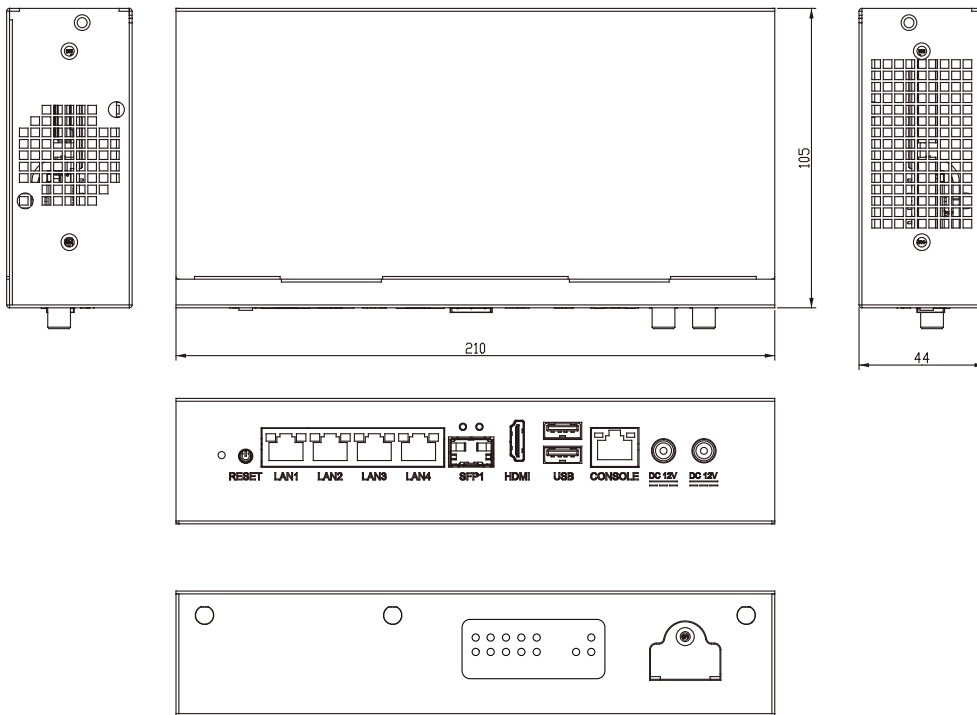
## Mechanical & Environment

Dimensions	210 (W) x 44 (H) x 105 (D) mm
Operating Temp.	0~ 40°C (32~104°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @40°C, non-condensing
Certifications	CE, FCC Class A, RoHS 2

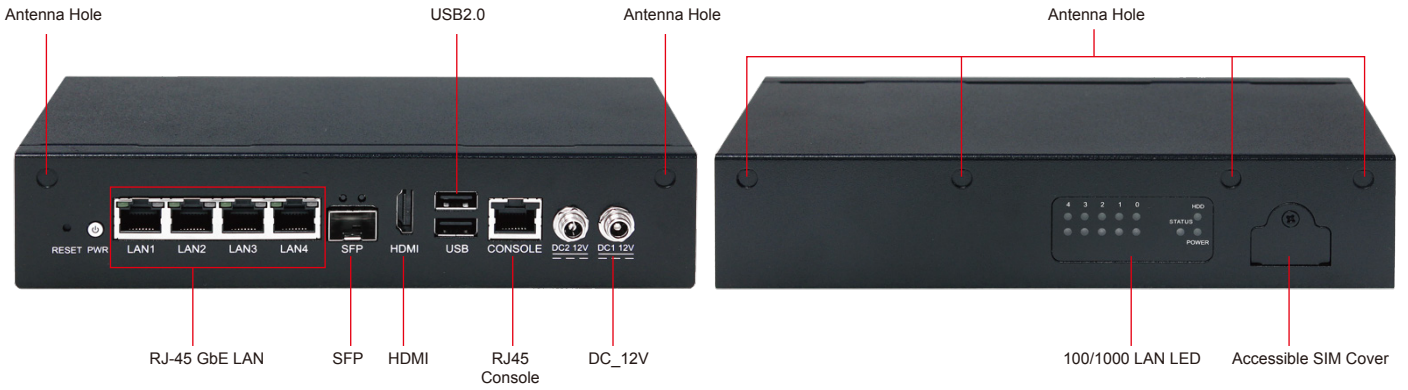
## Model Name

AND-EL6KE1	Desktop Networking Appliance Intel® Elkhart Lake platform 4 x GbE Copper 1 x SFP, 2x DC 12V Adapter Options for WiFi and 4G
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## Dimensions



## I/O Connectors



## Packing List

• AND-EL6KE1 system x 1
• SATA kit x 1
• USA / EU / JPN / UK / AS / NZS / SA / India power cord x 2
• AC adapter
• Screw for bracket (for rack + HDD bracket) x 14

## Ordering Information

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