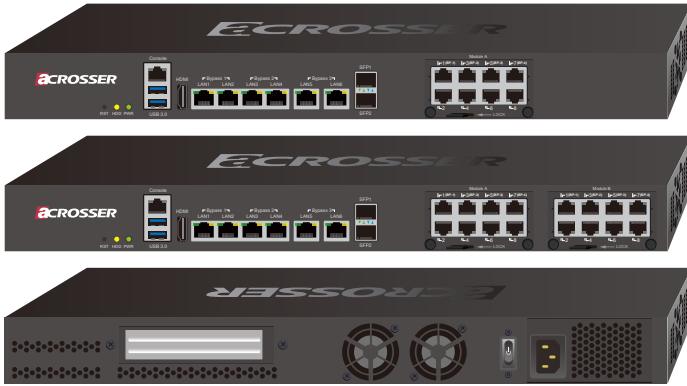


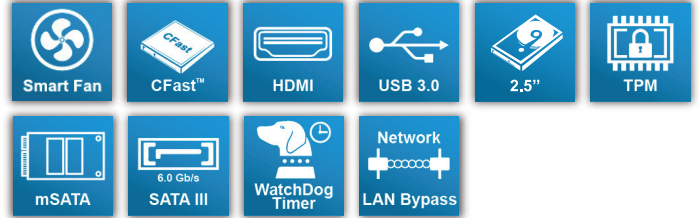
# ANR-SKB2N

1U Rackmount Intel® PCH C236 Networking, 6 GbE LANs with Bypass, 2 SFP



## Features

- Intel® C236 Platform
- Intel® Xeon® Processor E3-1275 v6
- Intel® 7th Gen CPU Kabylake-S Core™ i7-7700
- 2 x UDIMM DDR4-2666, non-ECC, (up to 32GB)
- 6 x GbE Copper with Byass
- 2 x 1G SFP
- 2 x 2.5" HDD
- 2 x Smart cooling fan



## Others

Battery	Lithium Battery, 3V 220mAH (CR2032)
Hardware Monitoring	CPU Volt. CPU & SYS Temp. FAN Speeds
Security & Mgmt.	TPM 2.0

## Power Requirement

Power Supply Unit	Single ATX PSU (250-300W) 100-240VAC
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## Software

OS Support	Linux Kernel 4.4 & above, (64-bit)
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## Mechanical & Environment

Dimensions	440 (W) x 44 (H) x 358 (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, cULus, RoHS 2

## Model Name

ANR-SKB2N1-ACN	Networking 1U Rackmount w/ Intel® C236 PCH, 6x GbE LANs w/Byppss, 2x 1G Fiber 1 x Exp. NIM Single ATX PSU
ANR-SKB2N2-ACN	Networking 1U Rackmount w/ Intel® C236 PCH, 6 x GbE LANs w/Byppss, 2x 1G Fiber 2 x Exp. NIM Single ATX PSU

## Specification

### System

CPU	Intel® Xeon® Processor E3-1268 v5 Intel® Xeon® Processor E3-1275 v6 Intel® 7th Gen CPU Kabylake-S Core™ i7-7700 Intel® 6th Gen CPU Skylake-S Pentium™ G4400
Chipset	Intel® C236 PCH
Memory	2 x UDIMM DDR4-2666, non-ECC, (up to 32GB)
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

### Video

Video Interface	HDMI 1.4
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### Ethernet

Chipset	Intel® i210-IS (1000Mbps), SFP[1:2]
Connector	6x GbE Copper (RJ-45) 2x 1G Fiber
LAN Bypass	(1 <sup>st</sup> LAN bypass) by LAN[1:2] (2 <sup>nd</sup> LAN bypass) by LAN[3:4] (3 <sup>rd</sup> LAN bypass) by LAN[5:6]

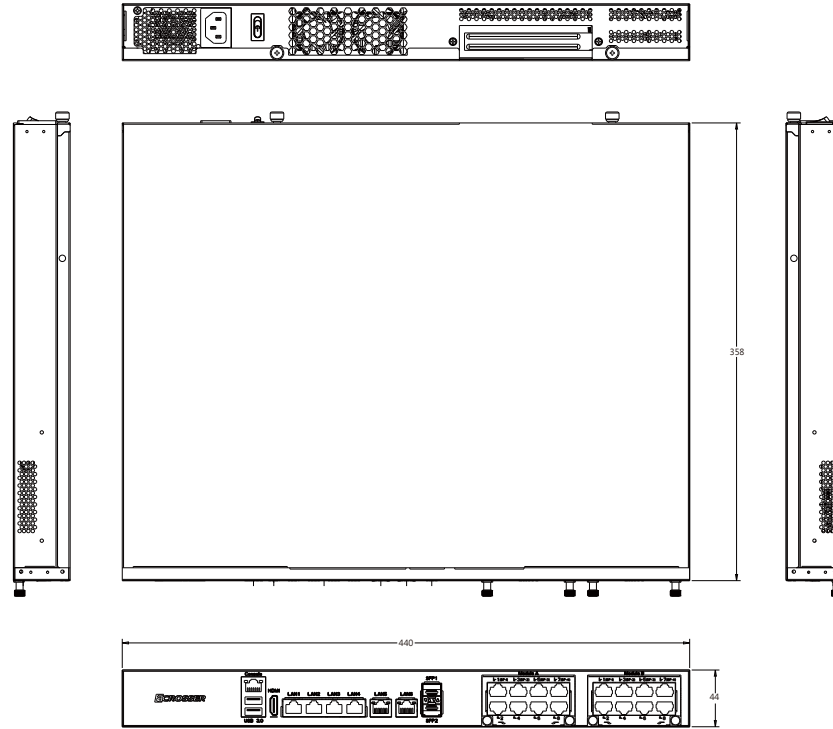
### Storage

HDD Bay	2 x 2.5" HDD Bay
mSATA	1 x mSATA socket
CF	1 x CFast socket

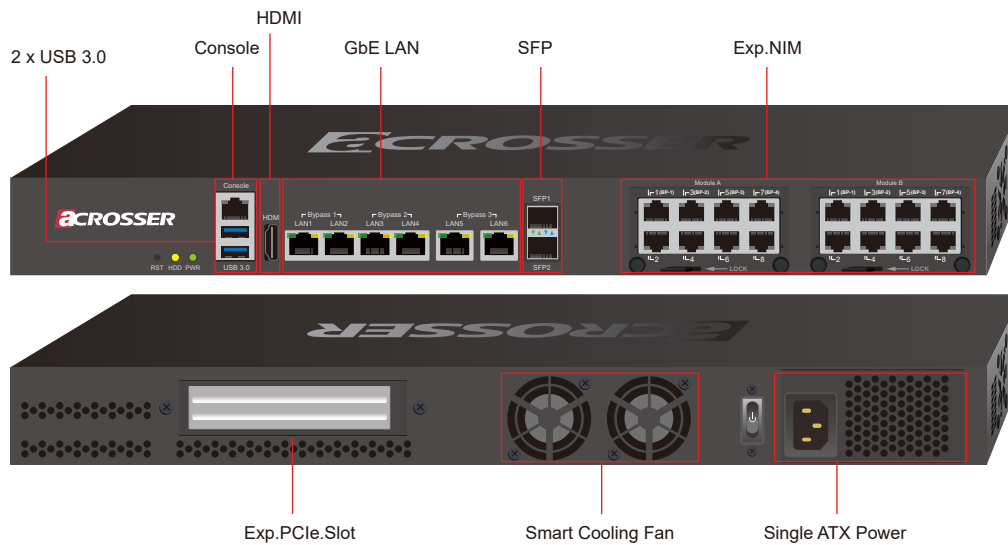
### I/O

Console port	1 x Serial console (RJ-45)
USB port	2 x USB 3.0 (front-side)
Exp. NIM	1/2 x Exp. NIM
Exp. PCIe slot	1 x Exp. PCIe x8 slot

## Dimensions



## I/O Connectors



## Packing List

- ANR-SKB2N-system x 1
- SATA cable x 2
- CD utility x 1
- Console cable (RJ-45 to DB9) x 1
- EU power cord x 1
- Rack bracket x 1
- Box packing x 1
- Screw for bracket (for rack + HDD bracket) x 14

## Ordering Information

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|----------------|---|
| ANR-SKB2N1-ACN | Networking 1U Rackmount w/ Intel® C236 PCH,<br>6x GbE LANs w/Bypass, 2x 1G Fiber<br>1 x Exp. NIM<br>Single ATX PSU  |
| ANR-SKB2N2-ACN | Networking 1U Rackmount w/ Intel® C236 PCH,<br>6 x GbE LANs w/Bypass, 2x 1G Fiber<br>2 x Exp. NIM<br>Single ATX PSU |