

# CAR-3070

Intel Skylake S 1U Appliance,  
Support Up To 16 GbE Ports  
And 4 SFP



Intel Skylake S series platform

4 x DDR4 ECC 2133MHz DIMMs, up to 64GB (ECC support only on C236)

8 x RJ45 GbE and 4 x SFP GbE on board, up to 20 x RJ45/SFP GbE Ports

1 x CASwell Proprietary NIC

1 x Standard NIC (PCIe 3.0 x8)

2 x Segment Bypass 3.2

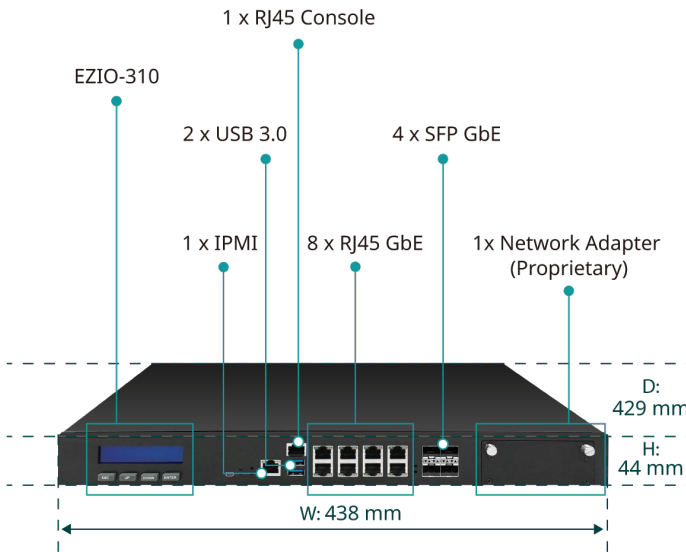
## Specifications

Model Name	
<b>Platform</b>	
Processor	1 x Intel Xeon E3 v5, Core i7/i5/i3, Pentium, Celeron Processor (Skylake)
Chipset	Intel C236 PCH (Skylake)
System Memory	4 x DDR4 ECC 2133MHz RDIMMs
Max Memory	Up to 64GB
Ethernet Port	8 x RJ45 GbE Port(s) on board, 4 x SFP GbE Port(s) on board, Up to 20 x Ethernet Port(s)
Bypass	2 segment(s) on board
Expansion	Up to 1 PCIe Gen3 x8 or Gen3 x4_x4 for CASwell NIC Module, Up to 1 PCIe Gen3 x8 for Standard NIC Module
Storage Device	1 x 3.5" SATA HDDs or 2 x 2.5" SATA HDDs, 1 x CF Socket, 1 x SATA DOM
Power Supply	250W Single PSU
Dimension (WxDxH)	438mm x 429mm x 44mm (17.52" x 17.16" x 1.76")
Weight (Kg)	-
<b>I/O</b>	
Management Console	1 x RJ45 System Console Port, 1 x RJ45 GbE Port (IPMI)
USB Port	2 x USB 3.0 Port(s)
Display Output	-
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	Power / HDD / Ethernet / Bypass
LOM	IPMI 2.0 w/ GbE Speed
<b>Operation &amp; Certifications</b>	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F), Humidity: 20 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F), Humidity: 5 - 95% RH
Certification	CE / FCC / UL / CCC / VCCI / RCM / BSMI / CB / LVD CoC / UL 60950 / UL 62368 / IC / Brazil Anatel / NAL / India (BIS)
OS Support	Linux

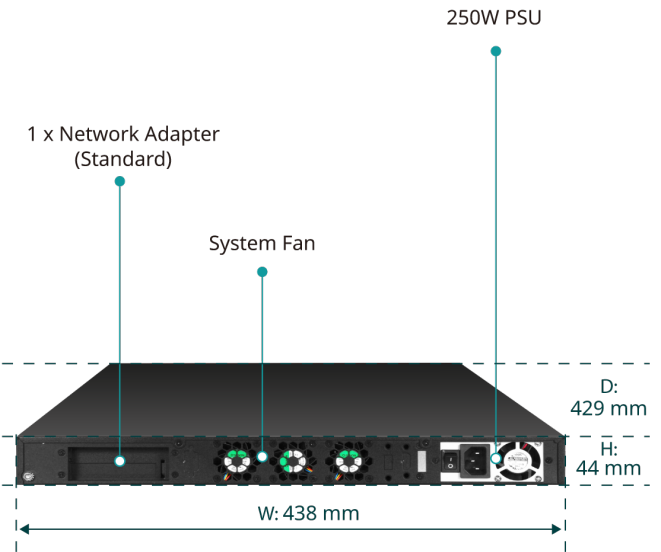
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## Front I/O



## Back I/O



## Ordering Information

System	
SKU	Description
CAR-3070-C236	1U, 1 x Intel Xeon E3 v5, Corei7/i5/i3, Pentium, Celeron, C236 PCH, 4 x DDR4 ECC DIMMs, 8 x RJ45 GbE, 4 x SFP GbE, 1 x RJ45 GbE (IPMI), 250W Single PSU, 1 x NIP, 1 x STD NIC, Bypass
CAR-3070-Q170	1U, 1 x Intel Xeon E3 v5, Corei7/i5/i3, Pentium, Celeron, Q170 PCH, 4 x DDR4 DIMMs, 8 x RJ45 GbE, 4 x SFP GbE, 250W Single PSU, 1 x NIP, 1 x STD NIC, Bypass

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
Intel Core i3-6100	2C/4T	3.70 GHz	51W
Intel Core i5-6500	4C/4T	3.20GHz (3.60GHz)	65W
Intel Core i7-6700	4C/8T	3.40GHz (4.00GHz)	65W
Intel Pentium G3900	2C/2T	2.80GHz	51W
Intel Pentium G4400	2C/2T	3.30GHz	54W
Intel Xeon E3-1225 v5	4C/4T	3.30GHz (3.70GHz)	80W
Intel Xeon E3-1275 v5	4C/8T	3.60GHz (4.00GHz)	80W

Optional NICs			
Model	Type	Manufacturer	Number of Ports
NIP-51040	Ethernet	Intel 82580EB	4 x 1GbE RJ45
NIP-51081	Ethernet	Intel 82580EB	8 x 1GbE RJ45
NIP-51084	Ethernet	Intel i350 AM4	8 x 1GbE RJ45
NIP-51243	Bypass	Intel i350-AM4	4 x 1GbE RJ45
NIP-51481	Bypass	Intel i350-AM4	8 x 1GbE RJ45
NIP-51482	Bypass	Intel 82580EB	8 x 1GbE RJ45
NIP-52021	Ethernet	Intel i350-AM2	2 x 1GbE SFP
NIP-52040	Ethernet	Intel 82580DB	4 x 1GbE SFP
NIP-52041	Ethernet	Intel i350-AM4	4 x 1GbE SFP
NIP-52080	Ethernet	Intel 82580EB	8 x 1GbE SFP
NIP-52083	Ethernet	Intel i350-AM4	8 x 1GbE SFP



+866-2-7727-5788

info@cas-well.com

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**Headquarter & R&D Center**  
12F., No. 308, Jianguo 1st Road, Xinzhuang District,  
New Taipei City 242047, Taiwan

**Hsinchu R&D Center**  
5F., No. 32, Guangming 9th Rd., Zhubei City, Hsinchu County 302048, Taiwan



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