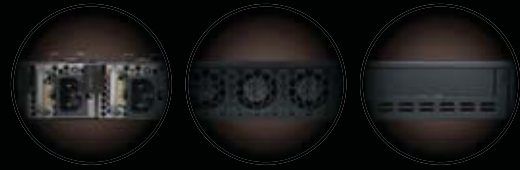


# CAR-3045/6/7

Intel® Haswell Platform, Maximum support up to 18 GbE Ports

CAR-3045/6/7 is built with Intel® Haswell Processors and H81/Q87 chipset, up to 13% more CPU performance with lower power than Gen. 3 Intel® Core™ processor family. With high flexibility supports CASwell Network modules up to 18 GbE RJ45, also variety of power supply for UTM/ Network application.

x86-1U Architecture

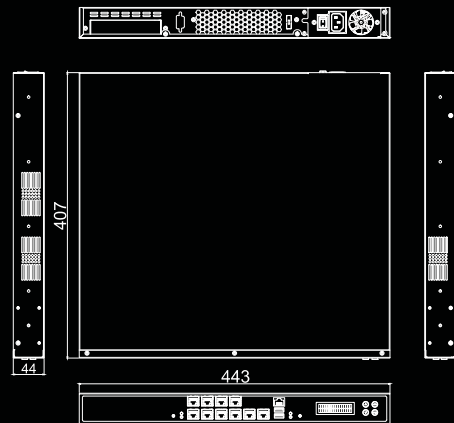


## Feature

- Intel® 4<sup>th</sup> Generation Core™ Processors
- Two DIMMs DDR3 up to 16GB
- Up to 18 GbE ports
- Redundant, AC and DC power solution
- One expandable CASwell NIP card support
- One 3.5" or two 2.5" internal SATA HDD

## SPECIFICATION

CPU Board	Intel® Haswell
PCH/Chipset	Intel® H81/Q87 PCH
System Memory	2 DDR3 Long DIMMs, up to 16GB
Ethernet Port	Up to 18 GbE RJ45
Bypass	2 segments
Expansion	1 PCIe x8 CASwell NIC module and standard add-on cards
Storage Device	1x 3.5" or 2x 2.5" SATA HDD CFEX socket
Dimension	443(W) x 406(D) x 44(H)mm 17.44"(W) x 16"(D) x 1.73"(H)
Power	275W Redundant 250W 80Plus ATX 250W DC 48V Input



## OPERATION

Operating Environment	Temp: 0 to 40°C (32 to 104°F) 20 to 80%RH
Storage Environment	Temp: -10 to 70°C (14 to 158°F) 5 to 95%RH @55°C
Certification	CE/FCC/UL
OS Support	Linux Kernel

## Order Guide

CAR-3045	1U Haswell Platform, Max. 18 GbE with 275W Redundant Power
CAR-3046	1U Haswell Platform, Max. 18 GbE with 250W Power
CAR-3047	1U Haswell Platform, Max. 18 GbE with 250W DC 48V Power

## FRONT PANEL

Serial Port	RJ45 system console
LCD Panel	2x16 Characters 128x32/64 Graphic
LED	Power/ HDD/ Ethernet/ Bypass
USB	Dual USB 3.0
VGA	2x5 pin-header
LOM	N/A

## Optional CPUs

Model	Cores/Threads	Frequency	Cache	TDP
i7-4770S	4C/8T	3.1	8M	65W
i5-4570S	4C/4T	2.9	6M	65W
i3-4330	2C/4T	3.5	4M	54W
Pentium G3420	2C/2T	3.2	3M	54W
Celeron G1820	2C/2T	2.7	2M	54W