

CAR-3035/6/7

Sandy Bridge (H61), Support up to 14 GbE ports



CASwell NIP

Six PCI-E GbE ports

RJ45 console & Dual USB

SPECIFICATION

CPU Board	- Intel® LGA1155 2nd Gen. Core™ i7/i5/i3 series CPU - Intel® H61 PCH with DMI 5GT/s
System Memory	- Dual channel DDR3 with two 240-pin DIMM sockets - Supports DDR3 1333/1066 up to 16 GB
Ethernet Port	6 GbE RJ45 ports
Bypass feature	2 x Gen2.0 segment
Expansion	PCI-E x8 for NIP or NIC
Storage Device	- Optional one 3.5" or two 2.5" SATA HDD - CF socket on-board
Serial Port	- One front-access RJ45 for system console - One 2x5 pin-header for EZIO
LCD Panel	2x16 characters or 128x32 graphic LCD module with 4 buttons
LEDS	Power status, data access, Ethernet status (LNK/ACT), and Ethernet speed (10/100/1000) and bypass
USB	Dual USB 2.0, front accessible
Power	- 275W full-range Redundant (CAR-3035) - 80Plus 250Wfull-range ATX (CAR-3036) - 250W DC48V Input (CAR-3037)
Dimension	- 443(W) x 406(D) x 44(H) mm - 17.45"(W) x 16"(D) x 1.73"(H)
Operating Environment	-Temperature: 0 to 40°C (32 to 104 °F) -Humidity 20% to 90%RH
Storage Environment	-Temperature: -10 to 70°C (14 to 158 °F) -Humidity 5% to 95%RH @ 55°C
Certification	CE/FCC/UL

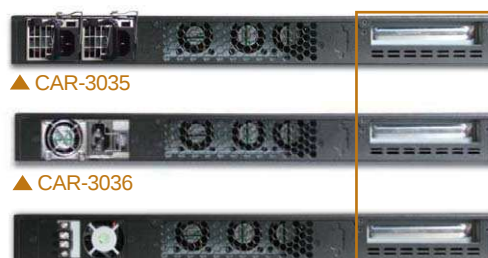
ORDERING GUIDE

Model No.	Ethernet	Gen2.0 Bypass	EZIO	PCI-E Expansion
CAR-3035/6/7-3620	6 GbE RJ45 ports	2	Optional	2*

* Proprietary (NIP) & Standard (NIC) Interface

FEATURE

- Support Intel® LGA1155 2nd Gen. Core™ i7/i5/i3 CPU
- 2 DIMMs DDR3 (Dual-channel)
- 6 GbE ports / 2 Bypass Gen2.0
- Expandable with 10 GbE ports (RJ45 or SFP)
- 1 x 3.5" or 2 x 2.5" SATA HDD
- Single ATX, Redundant ATX or DC48V PSU



▲ CAR-3035

▲ CAR-3036

▲ CAR-3037

Expansion slot

Optional NIP

LAN Module	Ethernet Controller	Interface	Bypass
NIP-51040	82580EB	4 GbE RJ45	0
NIP-51240	82580EB	4 GbE RJ45	2
NIP-51080	82580EB	8 GbE RJ45	0
NIP-51081	82580EB	8 GbE RJ45	0
NIP-51082	82580EB	8 GbE RJ45	0
NIP-52020	82580DB	2 GbE SFP	0
NIP-52120	82580DB	2 GbE SFP	1
NIP-52040	82580EB	4 GbE SFP	0
NIP-52080	82580EB	8 GbE SFP	0
NIP-53020	82599ES	2 10GbE SFP+	0
NIP-53120	82599ES	2 10GbE SFP+	1
NIP-55140	82580EB	2 GbE RJ45 2 GbE SFP	0
NIP-61041	CN1620 82580EB	4 GbE RJ45	0
NIP-62041	CN1620 82580EB	4 GbE SFP	0
NIP-70001	CN1620	N/A	0

Option CPUs

Model	Cores/Threads	Frequency	Cache	TPD
i7-2600	4/8	3.40 GHz	8M	95 W
i5-2400	4/4	3.10 GHz	6M	95 W
i3-2120	2/4	3.30 GHz	3M	65 W
G850	2/2	2.90 GHz	3M	65 W
G540	2/2	2.50 GHz	2M	65 W