

NCA-5510

1U High Performance x86 Rackmount Network Appliance based on Intel Grantley-EP Platform (Haswell/Broadwell-EP CPU+ Wellsburg PCH) and 4 NIC Module Slots



■ Features

- Support Intel® Haswell/Broadwell-EP E5-2600 v3/v4 CPU with Wellsburg PCH
- 4 NIC module slots support 1/10/40G/Fiber/Copper/Bypass
- Memory:DDR4 2133 MHz, maximum capacity up to 256GB
- 1+1 ATX redundant powers 300W
- Optional IPMI support
- Optional TPM support
- Removable fan modules

■ Preliminary Specifications

Processor System

CPU Options	Intel® Xeon® processor E5-2600 v3/v4 series on LGA2011-R3 (Haswell/Broadwell-EP)
Frequency	Depends on CPU, From 1.8 to 2.6 GHz
Core Number	Depends on CPU, From 6 to 18 cores
BIOS	AMI SPI Flash BIOS
Chipset	Intel C612 Chipset

Memory

Technology	DDR4 1600, 1866 or 2133 MHz (Registered ECC)
Max. Capacity	256GB
Socket	8 x 288-pin DIMM

Ethernet

Controller	1 x Intel i210
NIC module	4
Speed	10/100/1000 Mbps
Interface	RJ-45
Bypass	Depends on NIC Module

Storage

Type	SATA
Installation	1 x 3.5" or 2 x 2.5" drive bays, max 9.5 mm height (SSD/HDD is NOT included)
Type	CFast
Installation	1 x CFast

I/O

Reset Button	1 x reset button, software reset by default
Console	1 x RJ45
USB	2 x type A
IPMI	Optional
TPM	Optional

Expansion

PCIe	Optional riser card for rear expansion
PCI	N/A

Cooling

Processor	CPU heatsink with fan duct
System	4x independent hot-swappable cooling fans with smart fan control

Environment

Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 70°C
Relative Humidity	5% ~ 90%, non-condensing

Miscellaneous

LCD Module	Character LCM with keypad (Graphic optional)
Watchdog	Yes
Internal RTC with Li Battery	Yes

Mechanical

Dimension (W x H x D)	438 x 44 x 580 mm
Weight	16 kg
Mounting	Rack mount

Power

Type / Watts	1+1 ATX 300 W redundant power supply units
Input	AC 110~240V@50~60Hz

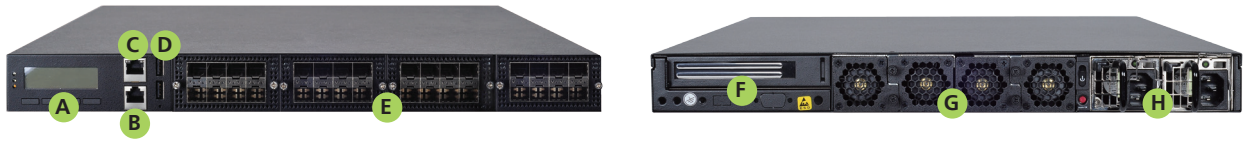
Driver Support

Microsoft Windows	Windows 7, Windows 2008 Server
Linux	Linux Kernel 2.6 or above

Certification

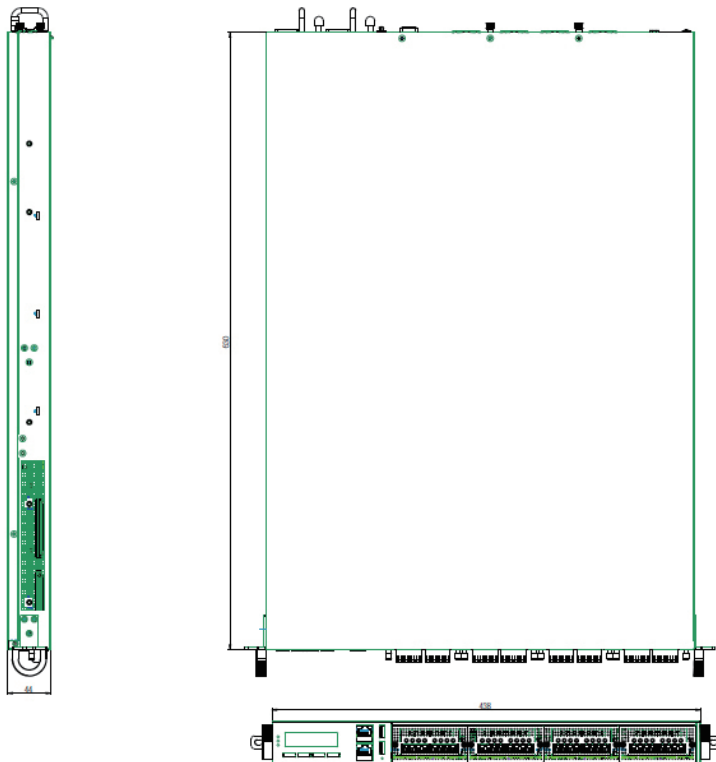
EMC	CE Class A, FCC Class A, RoHS
Safety	N/A

Product I/O View



- A** LCM
- B** Console
- C** Management port
- D** USB port x2
- E** NIC module slots
- F** Rear expansion slot (optional)
- G** Removeable fan module
- H** RPS

Dimensions 438 x 44 x 580 mm



Ordering Information

NCA-5510A

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