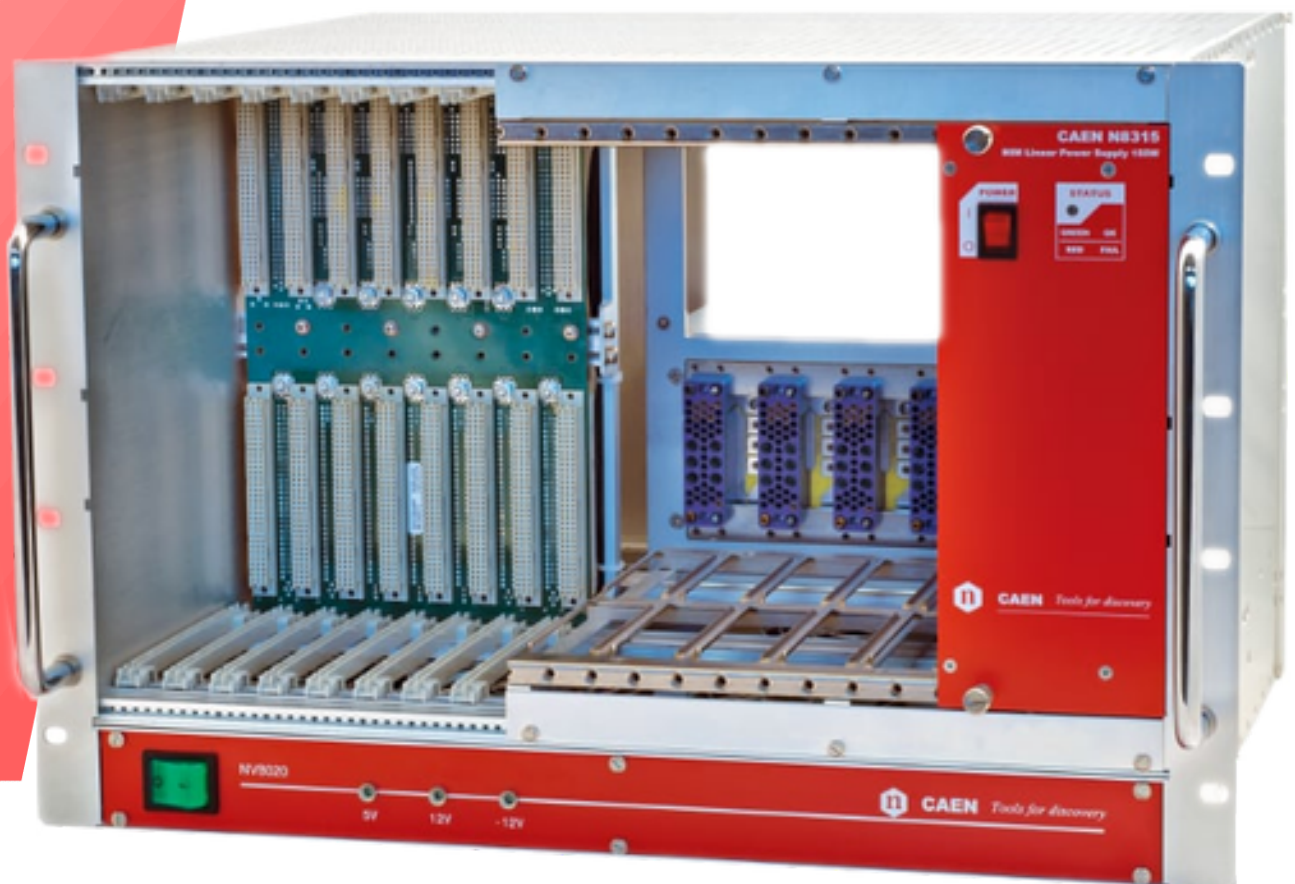
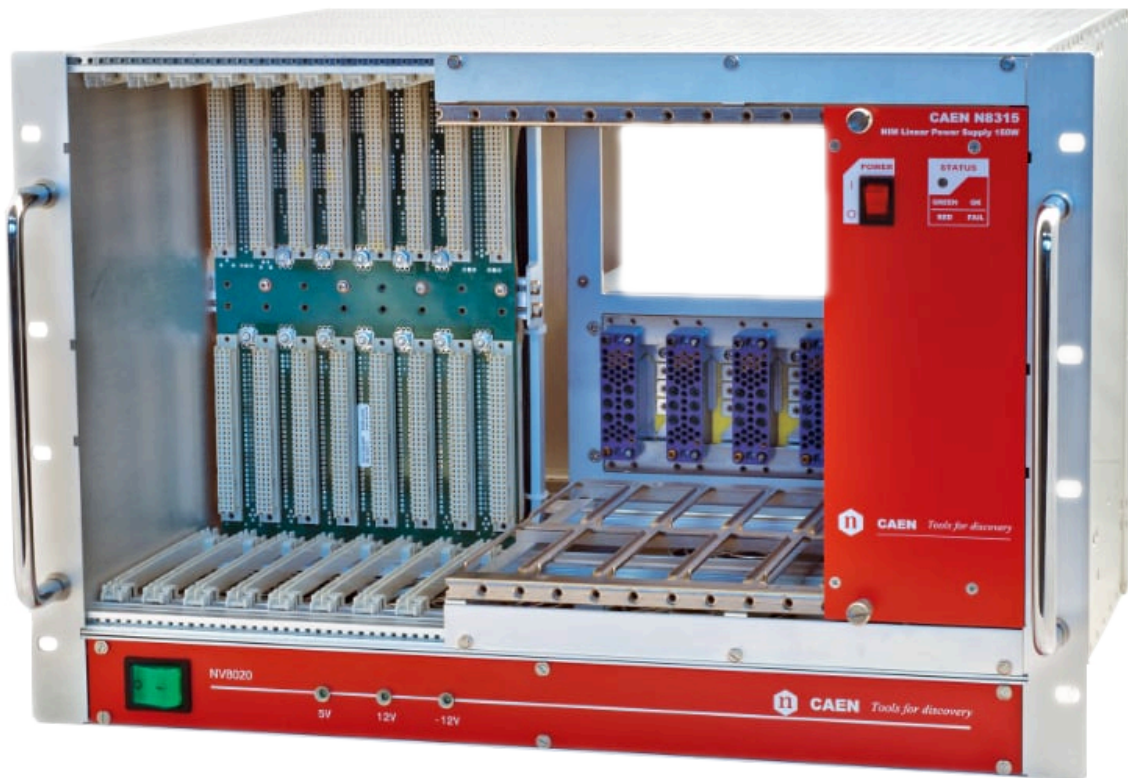


NV8020A

**7U CRATE VME/NIM
8 slot VME64 365W,
5 slot NIM 150W**



Features



- 19" x 7U (6+1) enclosure mixed VME/NIM crate
- VME section
 - 8 slot for 6U x 160mm VME modules
 - 365W Power Supply
 - Low noise Power Supply (365 W)
 - VME64 J1/J2 monolithic backplane
- NIM section
 - 7 slot NIM (5 free slots)
 - 2 Slot linear power supply (150 W)
- 1U space for Fan Unit
- Short circuit protection
- Over / Under voltage protection
- Over temperature protection

Description

The **CAEN Mod.**

NV8020A

is a 19" x 7U 84TE mixed VME / NIM crate equipped with a 1U common fan unit.

The VME section features

8 slots

suitable for 6Ux160mm boards, with

VME64 compliant backplane

. The section is powered by universal AC input Power Supply. The Power distribution is 25 A @+5V, 10 A @-12V, 10 A @+12V.

The

NIM

section consists of

7 NIM slots (5 free)

provided with pluggable

150W

power supply. The Unit is powered by 110 or 220 Vac, 50 ÷ 60 Hz. On the front panel the status of power supply is indicated by green/red LED. The Unit is powered by 220 Vac or 115 Vac, 50 ÷ 60 Hz.

Technical Specifications

Mechanics

19" x 7U 84TE mixed crate VME64 (8 slots for 6Ux160mm boards) / NIM (5 free slots); 1U common fan unit

Section

- VME64
- NIM

Mains input

- VME64: 100 VAC to 240 VAC, 50-60 Hz
- NIM: 230 VAC or 115 VAC, 50-60 Hz

Fuse

- VME64: 1 External 3.15 A, type B/C
- NIM: 1 External 2 A, class T (230 VAC)

Blackplane

- VME64: J1/J2 Automatic daisy chain, CBLT compliant
- NIM: Equipped with long-life NIM connectors

Max Total Output Power

- VME64: 365W
- NIM: 150W

Power requirements

- VME64: 475W at full load
- NIM: 280W at full load

Output power

- VME64: 25A @ +5V, 10A @ -12V, 10A @ +12V
- NIM: 5A @ ±6V 3 A @ ±12 V 1.5A @ ±24 V

Load Regulation

- VME64: < 1 % for 0-100% load change @ +5 V, < 1 % for 0-100% load change @ ±12 V
- NIM: <0.5 % for 10-100% load change, < 0.02 % for ±10% line change

Noise and ripple (backplane connector)

- VME64: +5V: 10 mVpp, ±12V: 20 mVpp
- NIM: ±6V < 5 mVpp, ±12 V < 8 mVpp, ±24 V < 10 mVpp

Power supply type

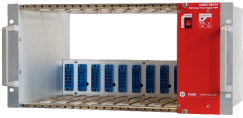
- VME64: ROAL RCB600 power supplies
- NIM: CAEN Mod. **N8315**

Ordering Options

Code	Description
WN8020AXAAAA	NV8020A - VME/NIM 7U crate, 8 slot VME64 365W, 5 slot NIM 150W RoHS

Related Products

NIM8302



5U 10 slot 150 W Compact Crate

NIM8304



7U 12 slot smart fan unit Switching 2000 W Crate

NIM8305



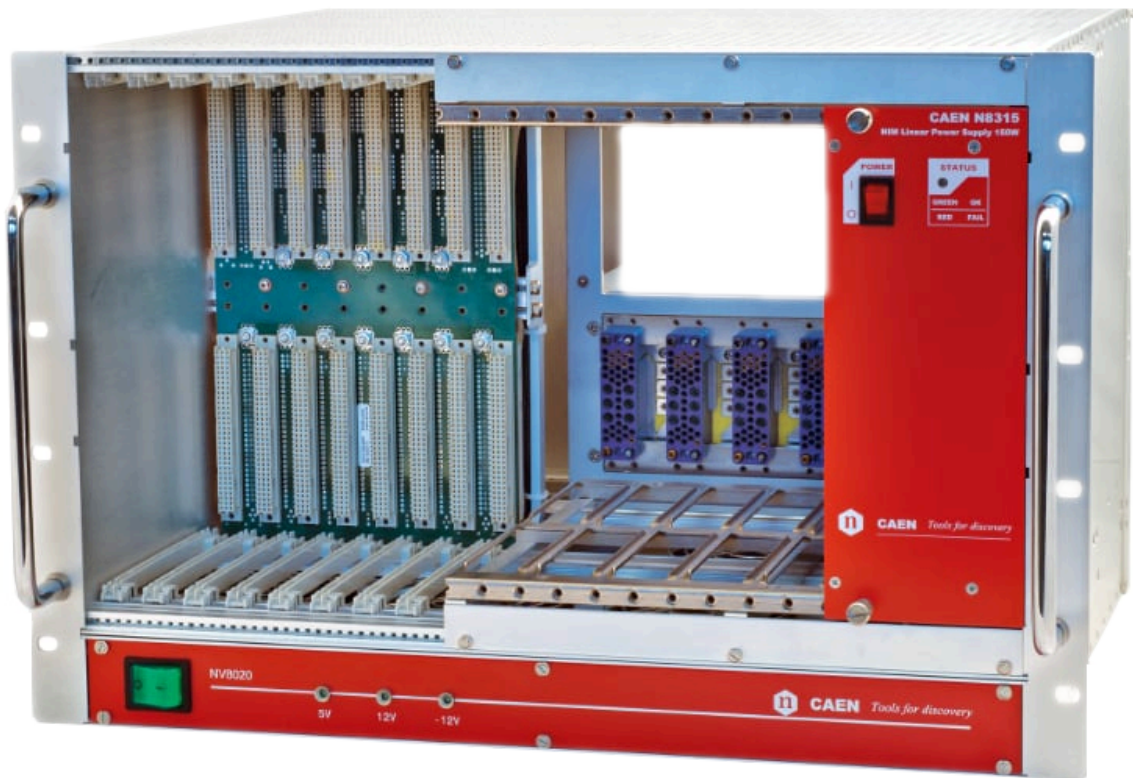
2 Slot Switching 450 W Mini Crate

NIM8303



5U 12 slot 300/600 W Crate

Gallery



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