

VPX Microrack

VPX7283B3N series - 7U double section chassis for 3U VPX boards

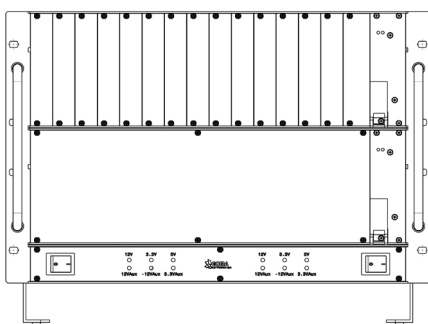


Features

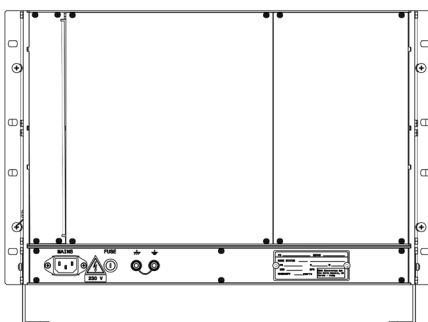
- ▶ Development platform for 3U VPX boards
- ▶ VITA 65 / Open VPX double backplane
- ▶ Dual power supply front
- ▶ Suitable for TM 6U / 3U on the rear

Layout

Front



Rear



Mechanical specifications

VP-108_en - Rev.1

| | |
|---------------------|--|
| Dimensions | 7U 84TE 282.9 mm |
| Mounting | Table top chassis for laboratory use |
| Card cage | 3U/160mm VPX modules on the front Card guides for optional 6U, 3U RTM |
| Construction | 2.5 mm aluminum |
| Surface | Surtech 650 |
| Cooling | Bottom to top ventilation |

- Card slides
- Filler panels
- Power on double button, IEC power inlet and fuse
- 2 sets of led for voltages:
+12V, +3.3V, +5V
+12Vaux, +12Vaux, +3.3Vaux

Backplane

- Backplane VPX 3U 5 slots p/n 040-969 [3U 5-slot VPX, Power and Ground; Rear I/O: RJ0, RJ1, RJ2]
- Backplane VPX 3U 9 slots p/n 65C309-15217-33 [VITA 65 / Open VPX Backplane Profile BKP3-CEN09-15.2.17-3 (without expansion plane)]

Power Supply

- 2 x 3U 8HP modular PSU
power input: 100-240VAC, 250W
independently associated with two backplanes
- Single power inlet, IEC, C14, 250VAC, 6A

Environmental specifications

| | |
|-------------------------------|--|
| Shock | 15g/11ms |
| Vibrations | 1.5g 5÷200Hz (3 sinusoidal axis) |
| Humidity | 93% @ 40°C, non condensed (IEC 60068-2-78) |
| Protection (IEC 60529) | IP20 |
| Operative temperature | 0°C ÷ +55°C - 20CFM with ventilation |
| Storage temperature | -40°C ÷ +85°C |