

μ-crate

**Desktop single-slot
VME64X Crate**



Features

- Desktop form factor
- Single slot for 1-unit VME 6U x 160mm modules
- VME64 and VME64X power compliance (VME protocols not supported)
- Low-noise air cooling system
- Hardware selectable high and low fan speed
- Mains powered 100 – 240 V AC (130 W) @ 50 / 60 Hz
- 19" rack mount kit included

Description

The **μ-Crate** is a mains-powered (100 – 240 V AC (130 W) @ 50 / 60 Hz) desktop device with low-noise cooling vents system. The single-slot backplane is mechanically and electrically compliant to 1-unit VME 6U x 160mm modules in the VME64 and VME64X standards that meet the provided voltage and current specifications. Optional mounting into 19" racks is possible by metal brackets that are provided with the device. According to the operating conditions, the User can manually set high and low fan speed level by hardware button.

Technical Specifications

Mechanical

Desktop: 337 W x 96 H x 278 L mm³ (with no board in)

Environmental

- Environment: Indoor use
- Operating Temperature: 0°C to +40°C
- Storage Temperature: -30°C to +80 °C
- Operating Humidity: 10% to 90% RH non condensing
- Storage Humidity: 5% to 90% RH non condensing
- Altitude: <2000m
- Pollution Degree: 2
- Overvoltage Category: II
- EMC Environment: Commercial and light industrial
- IP Degree: IPX0, not for wet location

Max. output current

- 10.5A @+3.3V
- 10 A @+5V
- 2 A @+12V
- 2A @-12V

Mains Input

100 - 240 V AC (130 W) @ 50 / 60 Hz

Cooling Airflow

- Low-noise cooling vents
- Adjustable speed by hardware button (2 steps: low speed, high speed)

Regulatory

- EMC: CE 2014/30/EU Electromagnetic compatibility Directive
- Safety: CE 2014/35/EU Low Voltage Directive

Power Supply

100/240V ~ 50 / 60Hz (130W max.)

Ordering Options

Code	Description
WUCRATEX001A	μ -Crate - Desktop single-slot VME64X Crate RoHS

Related Products

V1742



32+2 Channel 12bit 5 GS/s Switched Capacitor Digitizer

VX1751



4/8 Input Channel 10 bit 2/1 GS/s Digitizer

V1720



8 Input Channel 12bit 250 MS/s Digitizer

VX1743



16 Input Channel 12bit 3.2 GS/s Switched Capacitor Digitizer

V1724



8 Input Channel 14 bit 100 MS/s Digitizer

V1743



16 Input Channel 12bit 3.2 GS/s Switched Capacitor Digitizer

V1740



64 Input Channel 12 bit 62.5 MS/s Digitizer

V2745



64 Channel 16 bit 125 MS/s Digitizer with Programmable Input Gain

V2495



Programmable Logic Unit PLUS

VX1740



64 Input Channel 12bit 62.5 MS/s Digitizer

V1751



4/8 Input Channel 10 bit 2/1 GS/s Digitizer

VX2740



64 Input Channel 16 bit 125 MS/s Digitizer

VX1720



8 Input Channel 12bit 250 MS/s Digitizer

VX1724



8 Input Channel 14 bit 100 MS/s Digitizer

V1740D



64 Input Channel 12 bit 62.5 MS/s Digitizer supporting DPP-QDC firmware

VX1740D



64 Input Channel 12bit 62.5 MS/s Digitizer supporting DPP-QDC firmware

VX1730 / VX1730S



16/8 Input Channel 14 bit 500 MS/s Digitizer

V2740



64 Channel 16 bit 125 MS/s Digitizer

VX1742



32+2 Channel 12bit 5 GS/s Switched Capacitor Digitizer

VX1725 / VX1725S



16/8 Input Channel 14-bit 250 MS/s Digitizer

V1730 / V1730S



16/8 Channel 14 bit 500 MS/s Digitizer

VX2745



64 Input Channel 16 bit 125 MS/s Digitizer with Programmable Input Gain

V1761



2 Input Channel 10 bit 4GS/s Digitizer

VX1761



2 Input Channel 10 bit 4GS/s Digitizer

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