

OP5607 Specifications

Product name	OP5607 - RCP/HIL VIRTEX-7 FPGA PROCESSOR and EXPANSION UNIT
FPGA	Xilinx® Virtex®7 FPGA on VC707 board, 485T, 485 760 Logic cells, 2 800 DSP slices
I/O lines	256 lines, routed to 8 analog or digital, 16 or 32 channel, conditioning modules
High-speed communication	16 SFP sockets, up to 5GBps 1 PCIe x4 connector
I/O connectors	4 panels of DB37F connectors
Monitoring connectors	4 panels of RJ45 connectors
Carrier board	8 mezzanines
Dimensions	48.3 x 45.7 x 17.8cm (19" x 18" x 7") WxDxH
Operating temperature	10 to 40 °C (50 to 104°F)
Storage temperature	-55 to 85°C (-67 to 185°F)
Relative humidity	10 to 90% non-condensing
Maximum altitude	2000 m (6562 ft.)
Input	100-240VAC, 50-60Hz, 8A-4A
Power	600W
Weight	14 kg / 30.8 lbs

Environmental

Intended use	For Indoor use only
Ventilation requirements	Do not block vents on the unit. Allow sufficient ventilation space around the unit (recommended 6" at sides and rear) when not mounted in a standard rack.
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Storage temperature	-55 to 85°C (-67 to 185°F)
Relative humidity	10 to 90% non-condensing
Maximum altitude	2000 m (6562 ft.)
Pollution	Degree 2