

OP5700 Specifications

Product name	OP5700
CPU	Intel Xeon E5, 4 core / 3GHz to 32 cores / 2.3GHz
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 ports	16 SFP sockets, up to 5GBps
I/O connectors	4 panels of 4 DB37F connectors
Monitoring connectors	4 panels of RJ45 connectors
PC interfaces	Standard PC connectors (monitor, keyboard, mouse, and network)
PCIe slots	6 onboard PCIe slots. 4 are always available for third-party cards. The 5th slot is available when the second CPU is installed (16 cores or 32 cores configuration). The 6th slot is not available
Hard disk	512 GB SSD
Power supply	Input: 100-240VAC, 50-60Hz, 8A-4A Power: 600W
Dimensions	22.27 x 47.7 x 49.3cm (8.75" x 18.8" x 19.4") HxWxD
Weight	17kg (37.5 lbs)
Operating temperature	10 to 35°C (50 to 95°F)
Storage temperature	-55 to 85°C (-67 to 185°F)
Maximum rated ambient temperature	40°C (104°F)
Relative humidity	10 to 90% non-condensing
Maximum altitude	2000 m (6562 ft.)

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.
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.)
Pollution	Degree 2