

# OP5650XG Specifications

<b>Product name</b>	<b>OP5650XG</b>
<b>CPU</b>	2nd Generation Intel® Xeon® Scalable Processors  Available with the following configuration: <ul style="list-style-type: none"> <li>• 4 Cores - Intel® Xeon® 3.8 GHz</li> <li>• 8 Cores - Intel® Xeon® 3.8 GHz</li> <li>• 16 Cores - Intel® Xeon® 3.3 GHz</li> <li>• 4 Cores - Intel® Xeon® 2.60GHz</li> </ul>
<b>FPGA</b>	Xilinx® Artix®-7 FPGA, 200T
<b>I/O lines</b>	256 lines, routed to 8 analog or digital, 16 or 32 channel, conditioning modules
<b>High-speed communication ports</b>	4 SFP sockets, up to 5GBps
<b>Network Controllers</b>	Dual LAN with 1GbE 88E1512
<b>I/O connectors</b>	4 panels of 4 DB37F connectors
<b>Monitoring connectors</b>	4 panels of RJ45 connectors
<b>PC interfaces</b>	Standard PC connectors (monitor, keyboard, mouse, and network)
<b>PCIe slots</b>	6 onboard PCIe slots. 4 or 5 of these slots are available for third-party cards or riser boards depending on CPU configuration.
<b>Hard disk</b>	512 GB SSD
<b>Memory</b>	32 GB DRAM
<b>Power supply</b>	Input: 100-240VAC, 50-60Hz, 8A-4A  Power: 600W
<b>Dimensions</b>	22.27 x 47.7 x 49.3cm (8.75" x 18.8" x 19.4") HxWxD
<b>Weight</b>	17kg (37.5 lbs)
<b>Operating temperature</b>	10 to 35°C (50 to 95°F)
<b>Storage temperature</b>	-55 to 85°C (-67 to 185°F)
<b>Maximum rated ambient temperature</b>	35°C (95°F)
<b>Relative humidity</b>	10 to 90% non-condensing
<b>Maximum altitude</b>	2000 m (6562 ft.)

## Environmental

<b>Intended use</b>	For <b>Indoor use only</b>
<b>Ventilation requirements</b>	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.
<b>Operating temperature</b>	10 to 35°C (50 to 95°F)
<b>Storage temperature</b>	-55 to 85°C (-67 to 185°F)

<b>Relative humidity</b>	10 to 90% non-condensing
<b>Maximum altitude</b>	2000 m (6562 ft.)
<b>Pollution</b>	Degree 2