

OP5607 Receiving and Verification

- [Standard Hardware](#)
- [Optional Hardware](#)

After opening the package, remove the equipment and components. Make sure that all the items described in **Standard Hardware** are actually in the box and are undamaged.

Standard Hardware

The OP5607 real-time simulator includes the following basic hardware:

Item	Description	Part Number	Qty																					
OP5607	Complete HIL VIRTEX 7 FPGA Processor and I/O Expansion Unit	OP5607V3-IO-PCIe : 429-0090 or OP5607-IO-REMOTE: 529-0142	1																					
OP545x	PCIe interconnection kit including PCIe x4 Host Adapter, and copper or optical fiber cable. If the OP5607 is purchased at the same time as the simulator, the Host Adapter card comes already installed in the simulator.	<table border="1"> <thead> <tr> <th>P /N</th> <th>Simulator</th> <th>Type of cable</th> </tr> </thead> <tbody> <tr> <td>OP54 51</td> <td>OP4510V2</td> <td>Copper, 2m</td> </tr> <tr> <td>OP54 52</td> <td>OP4510V2</td> <td>Optical fiber, 10m</td> </tr> <tr> <td>OP54 53</td> <td>OP5600</td> <td>Copper, 2m</td> </tr> <tr> <td>OP54 54</td> <td>OP5600</td> <td>Optical fiber, 10m</td> </tr> <tr> <td>OP54 55</td> <td>OP5707</td> <td>Copper, 2m</td> </tr> <tr> <td>OP54 56</td> <td>OP5707</td> <td>Optical fiber, 10m</td> </tr> </tbody> </table>	P /N	Simulator	Type of cable	OP54 51	OP4510V2	Copper, 2m	OP54 52	OP4510V2	Optical fiber, 10m	OP54 53	OP5600	Copper, 2m	OP54 54	OP5600	Optical fiber, 10m	OP54 55	OP5707	Copper, 2m	OP54 56	OP5707	Optical fiber, 10m	1
P /N	Simulator	Type of cable																						
OP54 51	OP4510V2	Copper, 2m																						
OP54 52	OP4510V2	Optical fiber, 10m																						
OP54 53	OP5600	Copper, 2m																						
OP54 54	OP5600	Optical fiber, 10m																						
OP54 55	OP5707	Copper, 2m																						
OP54 56	OP5707	Optical fiber, 10m																						
Network cables	Black 2FT CAT6 (500 MHz) UTP Network Cable	T00-0723	1																					
	Green 2FT CAT6 (500 MHz) UTP Network Cable	T00-0726	1																					
	Red 2FT CAT6 (500 MHz) UTP Network Cable	T00-0725	1																					
	White 2FT CAT6 (500 MHz) UTP Network Cable	T00-0724	1																					
	Blue 10FT CAT6 (500 MHz) UTP Network Cable	T00-0817	1																					
BNC to mini BNC cable	BNC to Mini-BNC 75ohm Simplex Coax Cable 6FT	T00-0719	4																					
Power cable	NEMA 5-15P to C13, 6ft 1.83 m (6') power cord, black (10A 125V)	T00-0833	1																					
Audio connection cable	Audio conn cable assy 3.5mm m/m 6ft	T00-0834	1																					
	PCIe x4 Fiber Optic Cable 5M	T00-0945	1																					
	6ft. Black USB 2.0 Cable USBA to USBB	T00-0850	1																					
	Cable assy ipass x4 m-m 38pos 1m	T00-0741	1																					
Breakout board	DB37 male slim breakout board, R/A connector	126-0560	6																					
Loopback test kit	OP5600 Loopback DB37 to 40 pos. with Vuser	126-0361	2																					
	IDC cable - 40 Pins - 40 Pins 18L, Polarizing Key, Strain Relief"	113-0737	1																					
	12V 5V Loopback adapter cable	113-0799	1																					

Optional Hardware

Item	Description	Part Number
MUSE transceiver	Avago AFBR-57R5APZ	T00-0315
MUSE cable	LC-LC multimode 850nm optical fiber	T00-0782