System Specifications

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Environmental Specifications

The following table lists the environmental specifications required for installing the Secure Workload cluster.

Table 1: Environmental Specifications

Environment		Specification
Temperature	Operating	41 to 95°F (5 to 35°C) with derating the maximum temperature by 1°C for every (305 m) above sea level
	Storage	-40 to 149°F (-40 to 65°C)
Humidity	Operating	10 to 80% relative humidity with a humidity gradation of 10% per hour
	Storage	5 to 93% relative humidity
Altitude	Operating	0 to 10,000 ft (0 to 3050 m)
	Storage	0 to 40,000 ft (0 to 12,200 m)

Power Cables

The following tables list the power cables that are included with the Secure Workload M6 cluster.

Table 2: 39-RU Cluster, Single-Rack Configuration

Part Number	Description	Quantity
TA-RACK-UCS2-INT	Cisco R42612 dynamic rack with side panels	1
TA-ETH-RJ45-SINGLE	RJ-45 cable kit for a 39-RU single-rack configuration	1

Part Number	Description	Quantity
TA-SFP-H10GB-CU2M	10GBASE-CU SFP+ 2-m cable	16
TA-SFP-H10GB-CU1-5	10GBASE-CU SFP+ 1.5-m cable	32
TA-QSFP-H40G-CU1M	40GBASE-CR4 passive copper 1-m cable	4
TA-SFP-H10GB-CU1M	10GBASE-CU SFP+ 1-m cable	25
TA-SFP-H10GB-CU2-5	10GBASE-CU SFP+ 2.5-m cable	20

Table 3: 39-RU Cluster, Dual-Rack Configuration

Part Number	Description	Quantity
TA-RACK-UCS2-INT	Cisco R42612 dynamic rack, with side panels	2
TA-ETH-RJ45-DUAL	RJ-45 cable kit for a 39-RU single-rack configuration	1
TA-SFP-H10GB-CU2M	10GBASE-CU SFP+ 2-m cable	15
TA-SFP-H10GB-CU1-5	10GBASE-CU SFP+ 1.5-m cable	19
TA-QSFP-H40G-CU1M	40GBASE-CR4 passive copper 1-m cable	1
TA-QSFP-H40G-CU5M	40GBASE-CR4 passive copper 5-m cable	3
TA-SFP-H10GB-CU2-5	10GBASE-CU SFP+ 2.5-m cable	12
TA-SFP-H10GB-CU5M	10GBASE-CU SFP+ 5-m cable	47

Table 4: 8-RU Cluster

Part Number	Description	Quantity
TA-RACK-UCS2-INT	Cisco R42612 dynamic rack, with side panels	1
CAB-ETH-S-RJ45	RJ-45 straight-through yellow 6-ft cable for Ethernet	6
TA-SFP-H10GB-CU1M	10GBASE-CU SFP+ 1-m cable	13
TA-SFP-H10GB-CU1-5	10GBASE-CU SFP+ 1.5-m cable	12
TA-QSFP-H40G-CU1M	40GBASE-CR4 passive copper 1-m cable	2
GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire	6