

IPU-POD₆₄ DATACENTRE PREPARATION FOR INSTALLATION

The following checklist should be completed as part of an interactive review of the datacentre infrastructure prior to any equipment being shipped to the datacentre. This will ensure a smooth and successful installation of Graphcore equipment.

| Checklist item | Response |
|---|------------|
| Thermal | |
| <ul style="list-style-type: none">Rack airflow requirements: 1723 CFM or higher | Acceptable |
| <ul style="list-style-type: none">Required provisioned cooling: minimum 19kW or higher | Acceptable |
| <ul style="list-style-type: none">Rack airflow is front of rack (single door, cold isle side) to rear of rack (split door, hot isle side) | |
| Size of rack supports at least 42U for IPU-POD₆₄: 600mm (W) X 1200mm (D) x 1991mm (H) | |
| | Acceptable |
| Power provided per rack is | |
| <ul style="list-style-type: none">Dual 22kW PDUs (APC metered rack PDU AP8886) | Supported |
| <ul style="list-style-type: none">PDU input voltage: 380/400V_{AC} 3 Phase 50/60Hz | Acceptable |
| <ul style="list-style-type: none">PDU input: IEC 60309 32 A 3-Phase + N + E | Supported |
| <ul style="list-style-type: none">PDU whip (cord) length: 1.8 meters (exit top of IPU-POD₆₄ rack) | Supported |
| Datacentre network connections per rack and type | |
| <ul style="list-style-type: none">Two 10GbaseT RJ45 network interfaces per server | Supported |
| <ul style="list-style-type: none">Two 100Gbps QSFP network interfaces per server (connected to the ToR) | Supported |
| <ul style="list-style-type: none">Minimum of 2x 100Gbps uplinks per ToR (8x recommended) | Acceptable |
| Datacenter management network connections | |
| <ul style="list-style-type: none">Two SFP+ uplinks from 1GbE management switch (Arista DCS-7010T-48-F 1GbE management switch) | Supported |
| <ul style="list-style-type: none">Single or redundant 1G/10G uplinks | Acceptable |