



Specifications – HPE ProLiant RL300 Gen11 for the next generation of cloud-native compute

Model	HPE ProLiant RL300 Gen11
Form Factor	1U Rack Server
Number of Processors	1x Ampere Altra/Altra Max CPU, up to 128 Arm v8.2+ 64-bit CPU cores at 3.00 GHz
Memory	<ul style="list-style-type: none"> • 16 DIMM slots per processor, 8 channels per processor (2DPC) • Up to 4 TB of DRAM memory support
Expansion Slots Configurations	2 x PCIe Gen4 x16 FHFL Slots
Storage Drive Bays(NVMe SSDs)	Front: 8/10 SFF NVMe U.2/U.3
OCP NIC	2 x OCP 3.0 NIC Card (PCIe Gen4 x16)
Network Interfaces	Onboard: iLO Management 1GB Port
Power Supply	HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply
Security	TPM 2.0 Header, Root-of-Trust (RoT)
Systems Management	<ul style="list-style-type: none"> • HPE iLO Remote Management, WebUI • Serial-Over-LAN (SOL) (optional) • iLO RESTful API Redfish API
Supported Operating Systems	RHEL 8.6, Ubuntu 22.04 LTS
Firmware Support	<ul style="list-style-type: none"> • UEFI • BMC: OpenBMC
BMC	HPE Integrated Lights-Out (HPE iLO)
Dimensions	482.6mm (19.00”) wide X 42.9mm (1.69”) tall X 713.0mm (28.07”) long