

Dell EMC PowerEdge T140 and T130 server comparison matrix

The PowerEdge T140 system has the following features compared with the T130 system.

| Features | PowerEdge T140 | PowerEdge T130 |
|----------------------------|---|---|
| Processor | Intel® Xeon® E-2200 product family processor with up to 6 cores | Intel® Xeon® processor E3-1200 v6 product family with up to 4 cores |
| | Intel® Core i3® i3 9100 processor with up to 4 cores | Intel® Celeron® G3900 and G3930 processors with up to 2 cores |
| | Intel® Pentium® G5420 processor with up to 2 cores | Intel® Core™ i3 6100 and 7100 processors with up to 2 cores |
| | Intel® Celeron® G4930 processor with up to 2 cores | Intel® Pentium® G4500 and G4600 processors with up to 2 cores |
| Chipset | Intel® C246 chipset | Intel® C236 chipset |
| Memory | | |
| DIMM Speed | Up to 2666MT/s | Up to 2400MT/s |
| Memory Type | UDIMM | UDIMM |
| Memory Module Slots | 4 DDR4 DIMM slots | 4 DDR4 DIMM slots |
| Maximum RAM | UDIMM 64GB | UDIMM 64GB |
| Storage | | |
| Front Bays | Up to 4 x 3.5" SAS/SATA (HDD), max 16TB | Up to 4 x 3.5-inch, cabled SAS/SATA (HDD), max 16TB |
| Storage Controllers | | |
| Internal Controllers | H330 | H330 |
| | H730P | H730 |
| External Controllers | HBA330 | RAID-H830 |
| | Non-RAID: 12Gbps SAS HBA | Non-RAID: 12Gbps SAS HBA |
| Software RAID | S140 | S130 |
| Internal Boot | Boot Optimized Storage Subsystem (BOSS): HW RAID 2 x M.2 SSDs 240GB (RAID 1 or No RAID) | NA |
| | Boot Optimized Storage Subsystem (BOSS): HW RAID 1 x M.2 SSD 240GB (No RAID only) | |
| | Internal USB | Internal USB |
| | Internal Dual SD Module* ① NOTE: *ESXi (only OS supported) | NA |
| Operating Systems | Canonical® Ubuntu® LTS | Microsoft® Windows Server® 2012 |
| | Citrix® Hypervisor® | Microsoft® Windows Server® 2012 R2, x64 |

| Features | PowerEdge T140 | PowerEdge T130 |
|-------------------------|--|---|
| | Microsoft® Windows Server® LTSC with Hyper-V | Microsoft® Windows Server® 2016 |
| | | Microsoft® Windows Server® with Hyper-V |
| | Red Hat® Enterprise Linux | Red Hat® Enterprise Linux |
| | SUSE® Linux Enterprise Server | SUSE® Linux Enterprise Server |
| | VMware® vSphere ESXi® | VMware® vSphere ESXi® |
| Security | Cryptographically signed firmware | Cryptographically signed firmware |
| | Secure Boot | Secure Erase |
| | Secure Erase | System Lockdown (requires iDRAC) |
| | Silicon Root of Trust | TPM 1.2/2.0, TCM 2.0 optional |
| | System Lockdown (requires OpenManage Enterprise) | |
| | TPM 1.2/2.0, TCM 2.0 (optional) | |
| Management | | |
| Embedded/At-the-Server | iDRAC9 | iDRAC8 with Lifecycle Controller |
| | iDRAC RESTful API with Redfish | iDRAC8 Express |
| | iDRAC Direct | iDRAC8 Enterprise |
| Consoles | OpenManage Enterprise | OpenManage Enterprise |
| | OpenManage Enterprise Power Manager | OpenManage Enterprise Power Manager |
| Mobility | OpenManage Mobile | OpenManage Mobile |
| Tools | Dell EMC RACADM CLI | Dell EMC RACADM CLI |
| | Dell EMC Repository Manager | Dell EMC Repository Manager |
| | Dell EMC System Update | Dell EMC System Update |
| | Dell EMC Server Update Utility | Dell EMC Server Update Utility |
| | Dell EMC Update Catalogs | Dell EMC Update Catalogs |
| | iDRAC Service Module | iDRAC Service Module |
| | IPMI Tool | IPMI Tool |
| | OpenManage Server Administrator | OpenManage Server Administrator |
| OpenManage Integrations | BMC Truesight | Dell OpenManage Integration Suite for Microsoft System Center |
| | Microsoft® System Center | |
| | RedHat® Ansible® Modules | Dell OpenManage Integration for VMware vCenter® |
| | VMware® vCenter | |
| OpenManage Connections | IBM Tivoli® Netcool/OMNIBus | HP Operations Manager |
| | IBM Tivoli® Network Manager IP Edition | IBM Tivoli® Netcool® |
| | Micro Focus® Operations Manager I | CA Network and Systems Management |
| | Nagios® Core | Dell OpenManage Plug-in for Oracle® |
| | Nagios® XI | Database Manager |
| Power Supply | 365W AC Gold (Cabled PSU) | 290W AC Bronze (Cabled PSU) |
| | One fan non-redundant, non-hot swappable | One fan non-redundant, non-hot swappable |

| Features | PowerEdge T140 | PowerEdge T130 |
|------------------------------|--------------------------------------|-------------------------|
| Ports | | |
| Network Options | 2 x 1GbE LOM (standard) | 2 x 1GbE LOM (standard) |
| | 2 x 1GbE and 4 x 1GbE NIC (optional) | |
| Front Ports | 1 x Dedicated iDRAC micro-USB | 1 x USB 2.0 |
| | 1 x USB 3.0 | 1 x USB 3.0 |
| Rear Ports | 1 x Serial | 2 x PS2 |
| | 2 x USB 3.0 | 2 x USB 3.0 |
| | 4 x USB 2.0 | 4 x USB 2.0 |
| | 1 x VGA | 1 x VGA |
| | 1 x Serial | |
| Internal Ports | 1 x USB 3.0 | 1 x USB 3.0 |
| Slots | | |
| PCIe | 1 x Gen3 slot (1 x16) | 1 x Gen3 slot (1 x16) |
| | 2 x Gen3 slots (2 x8) | 2 x Gen3 slots (2 x8) |
| Video Card | 1 x VGA | 1 x VGA |
| Bezel | Optional security Bezel | Optional security Bezel |
| Form Factor | Tower Server | Mini Tower Server |
| Dimensions and Weight | | |
| Height | 360.0mm (14.17") | 359.9mm (14.17") |
| Width | 175.0mm (6.89") | 175.006mm (6.89") |
| Depth | 454.0mm (17.9") | 434.848mm (17.12") |
| Weight | 11.84kg (26.10lb) | 11.3kg (24.91lb) |

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