



Hewlett Packard HPE Support Center Enterprise

HP ProLiant DL170e G6 Server - Specifications

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Hardware specifications

Item	Components
Processor socket	Intel 1366 FCLGA
Processor	Intel Nehalem Series processors, 60 W, 80 W and 95 W
Chipset	Intel Tylersburg 36D/Intel 82801JIR (ICH10R)
Hardware monitoring device	IPMI 2.0 compliant with server engine Pilot II
Gigabit ethernet controller	Intel 82576
Memory controller	Intel Tylersburg36D
SATA and IDE controllers	Intel ICH10R
Embedded video controller	Server Engines VGA core integrated into Pilot II
I/O subsystem	PCIE x24 links slot. For <ul style="list-style-type: none"> • x16 1U riser • x16, x4, x4 2U riser • x8, x8, x8 2U riser • x16, x8 2U riser
Memory	Six REG DDR3 800/1066/1333 MHz DIMM slots with ECC, support RDIMM and UDIMM
Default media storage	SAS/SATA hard drive
Optional media storage	<ul style="list-style-type: none"> • 8 bays hot-plug LFF HDD cage for SAS or SATA drives. • 12 bays hot-plug LFF HDD cage for SAS or SATA drives. • 16 bays hot-plug SFF HDD cage for SAS or SATA drives. • 24 bays hot-plug SFF HDD cage for SAS or SATA drives.
I/O ports	USB 2.0 ports (Two rear-mounted ports one internal connector on the system board), video port, serial port, two GbE port, power on/off button
Power supply unit (PSU)	1200 W redundant, power supply
Thermal solution	Four system fans

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Physical specifications

Item	Description
System board platform	Advanced Technology Extended (ATX)
System board dimension	17.935 x 6.5 in
Server dimensions (H x W x D) (With bezel)	3.44 x 17.64 x 28.91 in. (8.74 x 44.81 x 73.43 cm)

Item	Description
Server weight (approximate)	<ul style="list-style-type: none"> • Maximum (All hard drives, power supplies, and processors installed) 82.00 lb (37.19 kg) • Minimum (One hard drive, power supply, and processor installed) 40.00 lb (18.14 kg)
Dimensions (H x W x D)	38.5 mm x 86.4 mm x 190.5 mm (1.5 in. x 3.4 in. x 7.5 in.)
Weight (Approximate)	1.1 kg

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Environmental specifications

Item	Description
Thermal output (Maximum operating)	392 W/hr
System inlet temperature, operating	50° to 95° F (10° to 35° C) at sea level with an altitude derating of 1.8°F per every 1000 ft (1.0°C per every 305 m) above sea level to a maximum of 10,000 ft (3050 m), no direct sustained sunlight. Maximum rate of change is 18°F/hr (10°C/hr). The upper limit may be limited by the type and number of options installed. System performance may be reduced if operating with a fan fault or above 86°F (30°C).
System inlet temperature, non-operating	40° to 140° F (-40° to 60° C) Maximum rate of change is 36°F/hr (20°C/hr).
Operating relative humidity (Non-Condensing)	10% to 85% relative humidity (Rh), 82.4°F (28°C) maximum wet bulb temperature, non-condensing.
Non-operating relative humidity (Non-Condensing)	10% to 95% relative humidity (Rh), 101.7°F (38.7°C) maximum wet bulb temperature, non-condensing.
Operating altitude	10,000 ft (3050 m). This value may be limited by the type and number of options installed. Maximum allowable altitude change rate is 1500 ft/min (457 m/min).
Non-operating altitude	30,000 ft (9144 m). Maximum allowable altitude change rate is 1500 ft/min (457 m/min).
Acoustic noise	Listed are the declared A-Weighted sound power levels (LWAd) and declared average bystander position A-Weighted sound pressure levels (LpAm) when the product is operating in a 23°C ambient environment. Noise emissions were measured in accordance with ISO 7779 (ECMA 74) and declared in accordance with ISO 9296 (ECMA 109). Idle LWAd 7.7 LpAm 52.36dBA Operating LWAd 7.7 LpAm 52.60dBA
Emissions classification (EMC) FCC rating	Class A
Normative standards	CISPR 22; EN55022; EN55024; FCC CFR 47, Pt 15; ICES-003; CNS13438; GB9254; K22;K24; EN 61000-3-2; EN 61000-3-3; EN 60950-1; IEC 60950-1

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Electrical specifications

Item	Description
Input requirements:	90 to 140 V ac
Rated line voltage (Per power supply)	180 to 264 V ac
Rated input frequency	47 to 63 Hz
Rated input current	7.31 A at 115 V ac 3.6 A at 230 V ac
BTU rating	N/A
Rated input power	855 W (At 100 V ac) 840.72 W (At 200 V ac)

Item	Description
Operational Input Voltage Range (Vrms)	90 V ac to 264 V ac full range

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