Technical specifications

HP Jet Fusion 5600 Series 3D printers

PRINTER PERFORMANCE	Technology	HP Multi Jet Fusion technology	
	Effective build volume	380 x 284 x 380mm (15 x 11.2 x 15in)	
	Humidity	40-80%	
	Building speed[15]	Standard Mode	Up to 5.058 cm^3/hr (309in^3/h)
		Balanced Mode	Up to 3.466 cm^3/hr (211 in^3/hr)
	Layer thickness[15]	Standard Mode	0.08 mm (0.003 in)
		Balanced Mode	0.09 mm (0.0035 in)
	Job processing resolution (x,y)	1,200dpi	
	Print resolution (x,y)	1,200dpi	
DIMENSIONS (WxDxH)	Printer	2.210 x 1,268 x 1,804mm (87 x 50 x 71in)	
	Shipping	2.300 x 1.325 x 2.027mm (91 x 52 x 80in)	
	Operating area	3,700 x 3,700 x 2,500mm (146 x 146 x 99in)	
WEIGHT	Printer	880kg (1,940lb)	
	Build unit	140.5kg (309.7lb)	
	Shipping	1,037.5kg (2,287lb)	
NETWORK[16]	Glgablt Ethernet (10/100/1000Base-T). supporting the following standards: TCP/IP, DHCP (1Pv4 only), TLS/SSL		
PROCESSOR AND MEMORY	Processor	Intel" Core™ i7 7770 (3.6GHz. up to 4.2GHz)	
	Memory	64GB DDR4	
HARD DISK	1T B HDD SED (AES-256 encrypted)		
	1T B SDD SED (AES-256 encrypted), TGC-OPAL 2.01 compliant		
SOFTWARE	Compatible software	HP 3D Build Manager HP 3D Command Center HP 3D Center HP 3D API HP 3D Process Development	
	Supported file formats	3MF. ST L. OBJ. and VRML (v2.0)	
	Certified third-party software	Autodesk" Netfabb with HP Workspace, Materialize Build Processor for HP Multi Jet Fusion technology, Siemens NX AM for HP Multi Jet Fusion technology	
POWER	Consumption	12 kW[17]	
	Requirements	380-415V (line-to-line). 50A max. 50/60Hz 200-240V (line-to-line), BOA max. 50/60Hz	
CERTIFICATIONS AND STATEMENT	Safety	IEC 62368-1+A1+A2 compliant; United States and Canada (UL listed); EU (LVD and MD compliant. EN 60950-1, EN 12100-1, EN 60204-1, and EN 1010)	
	Electromagnetic	Compliant with Class A requirements. including: USA (FCC rules). Canada (ICES). EU (EMC Directive). Australia (ACMA), New Zealand (RSM), Korea (KCC)	
	Environmental statement	REACH compliant	
WARRANTY & SERVICE COVERAGE INCLUDED	One-year limited hardware warranty		
ENVIRONMENTAL SPECIFICATIONS	Temperature during installation	20º-30ºC (68-86ºF)	
	Operating temperature	20º-30ºC (68-86ºF)	
	Recommended temperature for best performance	20º-30ºC (68-86ºF)	
	Storage temperature	-25 to 55ºc (-13 to 131ºF)	
	Operating humidity	40-80% without condensation	
	Storage humidity	< 90% without condensation	
HP 3D Printing materials have their own restrictions published in material data sheets			

HP Jet Fusion 5200 Series 3D processing stations

FEATURES	Automated mixing and loading with ultrasonic sieving and accessible sieve mesh; semi-manual unpacking; high-temperature unpacking; automated external storage tank; optional trained self-service deep-cleaning; optional cooling unit	
DIMENSIONS WxDxH	Processing station	2,990 x 934 x 2.400mm (117.7 X 36.8 X 94.5in)
	Shipping	2,389 x 1,176 x 2,182mm (94 X 46.3 X 85.9 in)
	Operating area	3,190 x 2.434 x 2.500mm (125.6 X 95.8 X 99in)
WEIGHT	Processing station	485kg (1.069lb)
	Loaded	724kg (1,596lb)
	Shipping	620kg (1,366lb)
POWER	Consumption	2.6kW (typical)
	Requirements	Input voltage single phase 200-240V (line-to-line) 19A max. 50/60Hz (line-to-neutral) 14A max,50Hz
CERTIFICATIONS AND STATEMENT	Safety	IEC 62368-1
	Electromagnetic	Compliant with Class A requirements. including USA (FCC rules). Canada (ICES). EU (EMC Directive). Australia (ACMA). New Zealand (RSM). Korea(KCC)
	Environmental statement	REACH compliant
WARRANTY & SERVICE COVERAGE INCLUDED	One-year limited hardware warranty	
ENVIRONMENTAL SPECIFICATIONS	Temperature during installation	20º-30ºC (68-86ºF)
	Operating temperature	20º-30ºC (68-86ºF)
	Recommended temperature for best performance	20º-30ºC (68-86ºF)
	Operating humidity	40-80% without condensation
	Storage humidity	< 90% without condensation
HP 3D Printing materials have their own restrictions published in material data sheets		

HP Jet Fusion 5600 Series 3D Build Unit

DIMENSIONS WxDxH	Build Unit	652 × 760 × 1050 mm
	Shipping	1170 x 860 x 1260mm
	Operating Area	9m^2 (360 inc^2)
POWER	Consumption	3kW
	Requirements	220 -240 Vac. 50/60 Hz, 16A
CERTIFICATIONS AND STATEMENT	Safety	IEC 62368-1+A1+A2 compliant; United States and Canada (UL listed); EU (LVD and MD compliant. EN 60950-1, EN 12100-1, EN 60204-1, and EN 1010)
WARRANTY & SERVICE COVERAGE INCLUDED	One-year limited hardware warranty	
ENVIRONMENTAL SPECIFICATIONS	Temperature during installation	20º-30ºC (68-86ºF)
	Operating temperature	20º-30ºC (68-86ºF)
	Recommended temperature for best performance	20º-30ºC (68-86ºF)
	Storage temperature	-25 to 55ºc (-13 to 131ºF)
	Operating humidity	40-80% without condensation
	Storage humidity	< 90% without condensation

HP Jet Fusion 5600 Series 3D Natural Cooling Unit

DIMENSIONS WxDxH	450 x 550 x 651 mm
WEIGHT	Empty: 11 kg (24.3 lb) Full: 34.5 kg (76.1 lb)

The RFID reader identifies individual natural cooling units and the jobs contained in them, by radio frequency, enabling job tracking for easier monitoring and analysis.

Ordering information

PRINTER	7L1F1B	HP Jet Fusion 5600 3D Printer
ACCESSORIES	709U6A	HP Jet Fusion 5600 3D Build Unit
	3FW27A	HP Jet Fusion 5200 3D Processing Station
	815Z7A	HP Jet Fusion 3D Automation Accessory
	2W883A	HP Jet Fusion 5200 Series 3D Automatic Unpacking Station
	2M7W6A	HP Jet Fusion 5200 Series 3D Automatic External Tonk
	4OG11A	HP Jet Fusion 5200 3D Automatic External Tonk Starter Kit
	4QG10A	HP Jet Fusion 5200 3D Natural Cooling Unit
	5ZR22A	HP Jet Fusion 5200 3D Natural Cooling Unit Starter Kit
	870A3A	HP Jet Fusion 5600 to 5620 Printer Upgrade Kit
	8Z084A	HP Jet Fusion 5620 to 5620 Pro Printer Upgrade Kit
	5ZR20A	HP Jet Fusion 5210 3D Processing Station Installation Kit
	5ZR24A	HP Jet Fusion 5210 Pro 3D Processing Station Installation Kit
HP JET FUSION 3D POWDER HANDLING AUTOMATION SOLUTION		Please contact your local HP 3D Printing specialist
HP PROCESS DEVELOPMENT PACKAGE		Please contact your local HP 3D Printing specialist
HP OFFICEJET PRO 9730 WIDE FORMAT ALL-IN-ONE PRINTER		For more information on availability in your region, please check with your local HP 3D Printing specialist
	7L4S2A	HP Jet Fusion 3D Alignment Plate Accessory
	7L4S1A	HP Jet Fusion 3D Thermocamera Colibrotion Tool
	3FW24A	HP Jet Fusion 3D Material Loading 3 units Bundle
	3WL35A	HP Jet Fusion 3D Material Unloading Kit
RECOMMENDED THIRD-PARTY ACCESSORIES	Hovmond Forklift 5200	Please consult with your local HP Amplify 3D printing specialist
ORIGINAL HP PRINTHEADS	F9K08A	HP 3D600 Printheod
HP3D LONG-TERM CONSUMABLES	8VJ68A	HP Jet Fusion 5200/4200 Serles 3D Vacuum Pump Filter
	2X0E1A	HP Jet Fusion 5200 Series 3D Automatic Unpacking Station E-cabinet Fon Filter
	2X0E2A	HP Jet Fusion 5200 Series 3D Automatic Unpacking Station Pneumatic Filter
	2X0E3A	HP Jet Fusion 5200 Series 3D Automatic Unpacking Station Top Lid Filter
ORIGINAL HP AGENTS	V1O63A	HP 3D700 5L Fusing Agent
	V1O64A	HP 3D700 5L Detailing Agent
OTHER SUPPLIES	V1O66A	HP 3D600 Cleaning Roll

ORIGINAL HP 3D HIGH REUSABILITY MATERIALS[18]	V1R10A	HP 3D High Reusability PA 12, enabled by Evonik, 30L (13kg)
	V1R16A	HP 3D High Reusobility PA 12, enabled by Evonlk, 300L (130kg)
	V1R34A	HP 3D High Reusobility PA 12, enabled by Evonik. Production Moteriol 300L (130kg)[19]
	V1R20A	HP 3D High Reusobility PA 12, enabled by Evonik, 1,400L (600kg)[20,21]
	910J7A**	HP 3D HR PA 12 S enabled by Arkema 300L/170kg Material
	9V508A**	HP 3D HR PA 12 S enabled by Arkema 1,220L/500kg Material
	300071	BASF Ultrasint• TPU01, 300L (150kg)
	300072	BASF Ultrasint• TPU01, 1,000L (500kg)[23]
	6M032A	HP 3D HR PA 12 W 300L/130kg Production Material
HP JET FUSION 3D SOLUTION SERVICES[22]	UB4P2E	HP Digital Manufacturing Site Readiness Assessment Tier 1 Service for HP Jet Fusion 5600/5200/4200 Series 3D Printing Solutions
	U67MOE	HP Ready-to-Print Service for HP Jet Fusion 5600 Series 3D Printing Solutions
	U67MSE	HP Ready-to-Grow Service for HP Jet Fusion 5600 Series 3D Printing Solutions
	UB9V8E	HP 3-yeor Next Business Doy• Onsite HW Support w/DMR .. Production Core for HP JF 5600/5200/4200 3D printer
	UB7M7E	HP 3-yeor Next Business Doy• Onsite HW Support w/DMR .. Foundation Core for HP JF 5600/5200/4200 3D printer
	H0JO4AC	HP Shored Core Jet Fusion 5600 3D printer

*Next Business Day

**Defective Media Retention