



Hewlett Packard
Enterprise

BROCHURE

HPE RENEW

**AFFORDABLE, REMANUFACTURED PRODUCTS,
THAT ARE AS GOOD AS NEW**



HPE Renew Technical Remanufacturing Checklist

Introduction

The checklist below details step by step how the HPE Renew remanufacturing process truly ensures that all HPE Renew products are a true reflection of new Hewlett Packard Enterprise products.

INCOMING PRODUCT INSPECTION

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| | Products must pass a cosmetic inspection based on strict HPE Factory Standards. If the parts do not meet the following requirements they are replaced with original HPE new parts: |
| 1. | <ul style="list-style-type: none">On visible front-facing surfaces (Class 1), light scratches must measure less than 6 cm, deep scratches must measure less than 2 mmAny areas of blemishes or abrasions must measure less than 1.5cm - except if caused by normal usage e.g. from moving into a Rack and outAny dents on panelsAny rusts spots |
| 2. | System Power up and configuration checks performed |
| 3. | Validation of parts against Bill of Materials |
| 4. | Components inspections, such as memory, HDD/SSD and others must bear manufacturer's seals of authenticity. Otherwise they are rejected and scrapped for Recycling |
| 5. | All cables and accessories are replaced by new ones |
| 6. | Perform Engineering Change Notification checks to latest new product factory specifications |
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RECONDITIONING

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| 7. | Perform disassembly down to sub-assembly level followed by visible inspection for all parts such as PCBs, CPUs, fans, power supplies, major cages, etc. |
| 8. | Intensive cleaning of all products and it's sub-assembly parts |
| 9. | Removal of labels and regeneration of new product labels |
| 10. | Minor touch up of external surfaces may occur if needed |
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ASSEMBLY & SOFTWARE INSTALLATIONS

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| 11. | Product component assembly and system integration |
| 12. | Storage drives reformatted and retested to ensure data integrity. Every drive is wiped clean of any data and every disk is separately overwritten |
| 13. | Restore Factory Default settings and reset all password settings |
| 14. | Restore licensed version of Operating System Software and install latest Firmware updates |
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PRODUCT FUNCTIONAL TEST

15.	Coverage	Static Testing	Dynamic Testing
	Configuration and System Settings	Product Configuration Checks - Hardware checks via system LED/LCD displays - Unit Serial number Update - System and I/O firmware verification and updates	
	Fans	Fan Status checks	
	CMOS		Random Data Pattern Tests
	PCI Bus/Serial Port/USB Devices		Detect and Read tests
	Temperature Status		Temperature Caution Tests
	Peripheral Interconnect Tests Interconnectivity tests		All Hot-plug Hard disk slots DVD/CD-ROM boot and O/S installation checks LAN connectivity
	Processor	CPU clock speed	Real-time clock test cycles Up to 24hr run-in tests
	Memory	Memory Size and Slot Test	Random Address Tests Read/Write Test March/Noise/Walk/ECC Tests Up to 24hr run-in tests
16.	Interface Cards, adapters, networking Products and other options are completely verified, reset, and tested		
17.	Electrical safety Hipo and/or ground bond tests are made if adequacy electrical insulation is needed to be verified		



FINAL PRODUCT INSPECTION AND DELIVERABLES

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| 18. | Archive Test logs and Product Manifest Outputs for Test status Verifications |
| 19. | Include newest versions of product documentations and/or DVD/CD kits |
| 20. | Optional provision of racking services for Storage and Server products, inclusive of Power Distribution Unit cabling works |
| 21. | Re-packaging in new HPE boxes or wood crates as per HPE Factory standard packaging procedures |
| 22. | The Warranty period is reset in the HPE Worldwide Service Database upon shipment date |
| 23. | Product is ready for delivery and installation |
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For more information

To learn more about HPE Renew visit:

<https://hpe-renew.hpe.com/public/uk/en/index.html>

For a full list of HPE Renew contacts for EMEA visit:

https://hpe-renew.hpe.com/public/uk/en/contact_us.html