

Pc-Check® UEFI Embedded Diagnostics

How you benefit using the Pc-Check® UEFI + Arm® Embedded Fixed Disk and the Pc-Check® UEFI Embedded BIOS diagnostics.

 **Customized Testing:** Embedded tools tailored to specific configurations and usage patterns, providing **relevant and more accurate information often missed or not included from factory generic tests.**

 **Immediate Feedback:** Embedded at integration point, test in process to quickly and affordably identify PC + Arm hardware issues. Devices ship, ready to extend user support, reducing returns and services, anytime and anywhere installed.

 **Proactive Maintenance:** Pc-Check UEFI Embedded aids in identifying all kinds of PC (+ Arm) types — Gaming, industrial, laptops, servers — addressing issues before they escalate into major costly problems.

 **In-Field Problem Identification:** Environmental factors or specific software interactions may not be replicated in a factory setting. Embedded tools help identify and address these unique problems, reducing returns.

 **Reduced Service Costs:** Pc-Check UEFI Embedded diagnostics supports IT operators and professional repair services with **advance notice of part repair**, lowering overall field time and maintenance costs.

 **User Empowerment:** Users can run tests, troubleshooting issues or be guided without needing to send the PC to a shop or wait for factory support. This provides global savings for organizations, businesses and home users that expect minimal downtime.

Over 40+ years, factory and service testing with the Pc-Check diagnostic suite has always been crucial for problem validation, break-fix and quality assurance.

Now, you can start at the assembly point. Testing with Pc-Check UEFI + Arm diagnostics embedded in devices, giving real-time insights and maintenance capabilities which enhance the overall reliability and user experience of a PC, while reducing warranty costs.

Test Examples:

CPU (+ARM), Memory, Internal Storage, Video RAM, Mouse, USB Controller, Network Interface, Graphic Card, Motherboard Components (Keyboard with Fixed Media version).

Test results can be presented as a QR code for easy scan access and presentation to technician/end user.

A URL is all that's needed to point the QR code test results to your website.



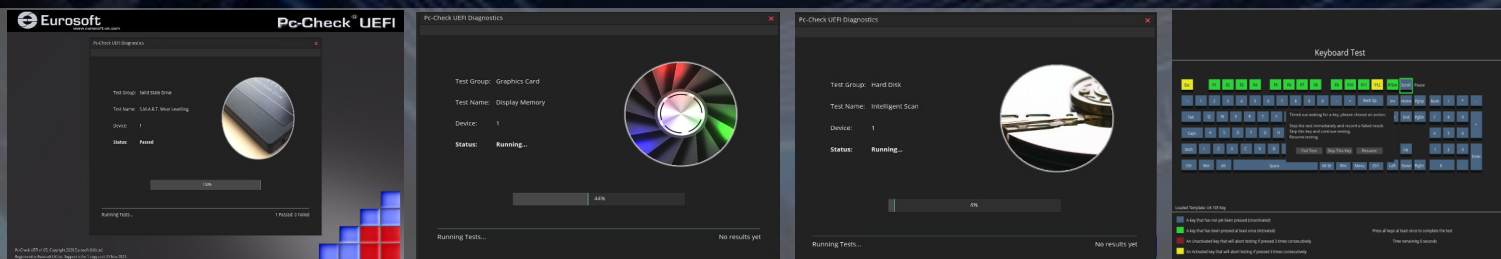
FIXED DISK OPTION



UEFI typically only provides file system support for FAT, which means only ESP is seen.



QR Code - capable to present test results.
Test Descriptions and Codes provided with
the program as a PDF document. Output as
you desire.



BIOS OPTION



Understanding the amount of space free in the BIOS and at a minimum supplying a production ready sample main board and system is needed, along with the BIOS tools and BIOS hash for each project.

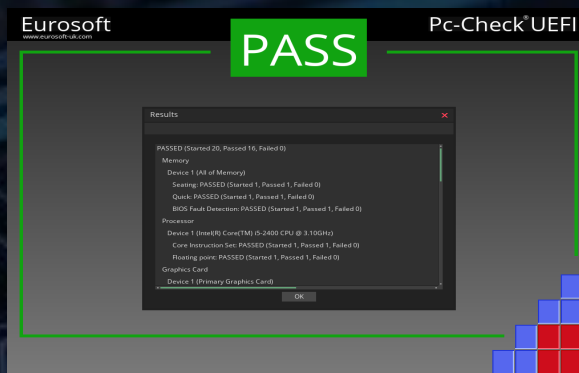
QR Code - capable to present test results.
Test Descriptions and Codes provided with
the program as a PDF document.

Pc-Check® UEFI + Arm Embedded Diagnostics — find hardware faults that other test products can't or won't reveal.

TEST RESULTS & REPORTS

Embedded BIOS option allows the test results to be displayed on screen at the end of testing as a message and a QR code.

Fixed Media options display TXT and XML result output with a retrieval utility provided for PDF logs. Testing reports include all test results. Optional system information displays all that's included in the unit as a thorough comprehensive report from the embedded diagnostics selected.



Pc-Check UEFI Service Report				
Pc-Check UEFI v1.15.0.0		Total Test Time	00:04:43	
Start Time	2024-07-25 07:39:26	Finish Time	2024-07-25 07:44:10	
Type 1 Serial Number	1904N103Ch			
Type 2 Serial Number	1918N103Ch			
Overall Test Result	Passed			
Hardware Information Summary				
CPU	Intel(R) Core(TM) i5-6300U CPU @ 2.40GHz			
Memory	8 GB / ChannelA / DDR4			
NVMe Drive	5DEP0DC77788AA0E7518C133C8D0CB SAMSUNG MZVPV256HGL-00000 256.00GB			
Video Card	SkyLake GT2 [HD Graphics 520] Intel Corporation			
Mother Board	8079			
Results Summary				
Overall Tests	Test Started	Test Finished	Total	Test Results
Memory	2024-07-25 07:39:26	2024-07-25 07:40:14	00:00:47	Passed
Processor	2024-07-25 07:41:23	2024-07-25 07:41:23	00:01:09	Passed
Graphics Card	2024-07-25 07:41:23	2024-07-25 07:42:10	00:00:47	Passed
Motherboard	2024-07-25 07:42:10	2024-07-25 07:43:57	00:01:47	Passed
Hard Disk	2024-07-25 07:43:57	2024-07-25 07:43:58	00:00:01	Not Available
Solid State Drive	2024-07-25 07:43:58	2024-07-25 07:43:59	00:00:01	Not Available
NVMe Solid State Drive	2024-07-25 07:44:00	2024-07-25 07:44:00	00:00:01	Passed
Network Interface	2024-07-25 07:44:00	2024-07-25 07:44:01	00:00:01	Not Available
USB	2024-07-25 07:44:01	2024-07-25 07:44:06	00:00:07	Passed
Serial Ports	2024-07-25 07:44:08	2024-07-25 07:44:10	00:00:02	Passed

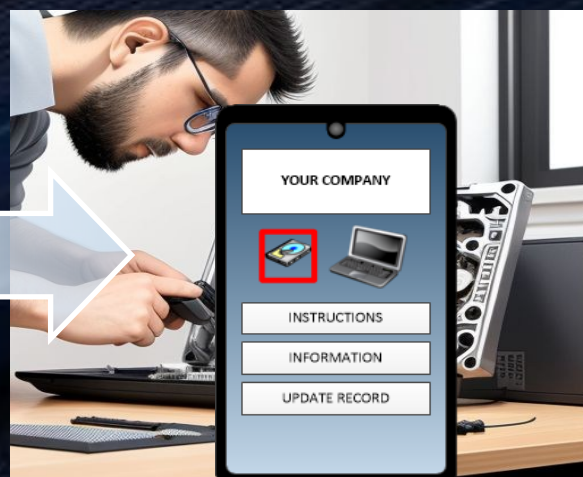
Report.txt - Notepad	
File	Edit Format View Help
Pc-Check UEFI 1.15 Quality Assurance Report	

Machine Configuration	

System	
Manufacturer:	HP*
Product:	HP EliteBook 850 G3*
Version:	*
Serial Number:	5CG7516RSK*
Motherboard	
Manufacturer:	HP*
Product:	8079*
Version:	KBC Version 85_79*
Serial Number:	PFKZU00WBA9EKN*
Bios	
Vendor:	HP*
Release:	07/28/2022*
Processor	
Type:	Intel(R) Core(TM) i5-6300U CPU @ 2.40GHz*
Speed:	2.49GHz
Physical CPUs:	1
Logical CPUs:	4
External Clock:	100MHz*
Max SSE Level:	SSE4.2
Max AVX Level:	AVX2
Memory	
Installed:	8GB
Type:	DDR4*
Form Factor:	SODIMM*
ECC:	No*

QR CODES:

The QR codes (test/error results) are designed to capture the Pc-Check UEFI test result detail in real time. These QR code test descriptions can be redirected to your designated website/Cloud for hosting.



With your inside knowledge of the PC/system/devices you provide or service, you can **add product information or 'what to do next' instructions alongside the Pc-Check UEFI QR code**. You can change the language for end user requirements.

The benefit of QR codes is that they are accessible anywhere by simply scanning the code with a cell phone or mobile device. Your end user or IT staff have immediate knowledge to convey an issue or read what to do next within the service process.

Whether you go with the embedded fixed disk internal storage (HDD/SSD) or ROMable BIOS versions, you can rely on Pc-Check UEFI Embedded Diagnostics to deliver the very best and most thorough testing available. Streamline support and warranty logistics, saving time with pre-deployed field testing and end user diagnostics.

Ready to try test and data erasure tools that support your business?

Solutions for an ever changing landscape...

Computer manufacturing and system integrating rely on diagnostics to form standard test practices. Repair, services and support are blending with field technicians, backing MSP's who remotely manage all varieties of computers. Critical assessment of systems situated publicly: government, military, education, healthcare, as well as private verticals expect compliant, running systems. Refurbishing has taken off, extracting re-workable components to balance a broad eco-system, recycling where they can't. Everywhere, demand for reliably running PCs is required and expected.

Manufacturing and system integrating of all sizes,

building new PCs of all kinds, use the PC Builder™ Test Management Suite and Pc-Check® diagnostic suite to validate hardware and configurations prior to investing time in loading operating system. Pc-Check UEFI Embedded during production adds essential remote testing before shipping.

Refurbishing for

trade, re-manufacturing, repurposing, ITAD, and leasing PCs, use several tools. Portable Pc-Check® diagnostic suite and the PC Builder™ solution quickly and reliably validate inbound and outbound hardware assets for suitability of reuse, upgrading, re-imaging. Eurosoft's ZeroData™ Windows® storage drive erasure software is used in process or portably for secure and compliant data wiping.

Manufacturers
OEM/ODM
System Builders
Assemblers
System Integrators

Refurbishers
Microsoft Authorised
Refurbishers
ITAD
Rentals and Leasing
Recyclers

Servicing has a wide commitment, bringing

consumers and industry closer to the upgrading and repair process. The full Pc-Check® diagnostic suite brings portable testing with pre-boot options, multiple script creation, and recordation,

Services
Break-Fix Operations
Field Technicians
Computer Shops
Consultants

reaching a variety of diverse PC customers. ZeroData™ Windows® offers portability and security to safely wipe customer PCs anywhere.

Support
Network Administrators
I.T. Professionals
Managed Service
Provider
Help Desk
Retail

Support involves personal and remotely available technical sessions. Break-fix callouts and in-store warranty review, preventative

maintenance, and rapid diagnosis to remediate downtime. Each Pc-Check® hardware diagnostic program gives fast and flexible hardware assessment. ZeroData™ Windows® securely clears data ensuring a variety of global compliance.

Flexible user and licensing options to perfectly fit your costs and needs.

Eurosoft (UK) Ltd are dedicated to offering a variety of hardware diagnostic, test management and data erasure solutions as standalone packages, bundled with systems and services, as well as site licenses of all sizes. Commercially developed, and maintained to test and securely data wipe the widest range of PC-based hardware, regardless of brand. Whether you are responsible for 10, 1000 or 1million+ PCs or equally as many technicians, you won't find a more comprehensive collection of software tools to increase customer satisfaction and improve business operations.

Contact us at the locations below to take advantage of a new testing experience today.

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