



Windows 11 Hardware check

Check hardware for Windows 11 requirements

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1. Introduction

Microsoft will release the new Windows 11 operating system in October 2021. Hardware requirements typically apply to the new operating system as well:

- Processor: 1 gigahertz (GHz) or faster with 2 or more cores on a 64-bit processor
- RAM 4 gigabytes (GB)
- Storage capacity: 64 GB or larger
- UEFI bios
- Boot options: secure boot / secure boot enabled
- Security Module: TPM 2.0 present and enabled
- Display: 720p video mode or better

Docusnap provides two new reports with the September 2021 release, which checks the hardware requirements of the Windows systems against the previously described requirements.

2. Requirements

To use the reports provided with the necessary data, the following requirements must be met:

- The Windows systems are inventoried with DocuSnap 11, as of September 2021 or newer.
- The user used for the inventory has local administration rights on the Windows systems.

The point regarding local administration permissions is particularly important to note here if you inventory the Windows workstations using DocuSnapScript.exe. Usually, the DocuSnapScript.exe is included in a group policy and executed when a user logs in - the inventory takes place with user permissions. In this case, the following information is missing:

- BitLocker status
- Anti-Virus and Anti-Spyware information
- Power options
- Bios type (UEFI, Legacy BIOS)
- Bios boot options - secure boot active or inactive
- Presence of security modules (TPM)

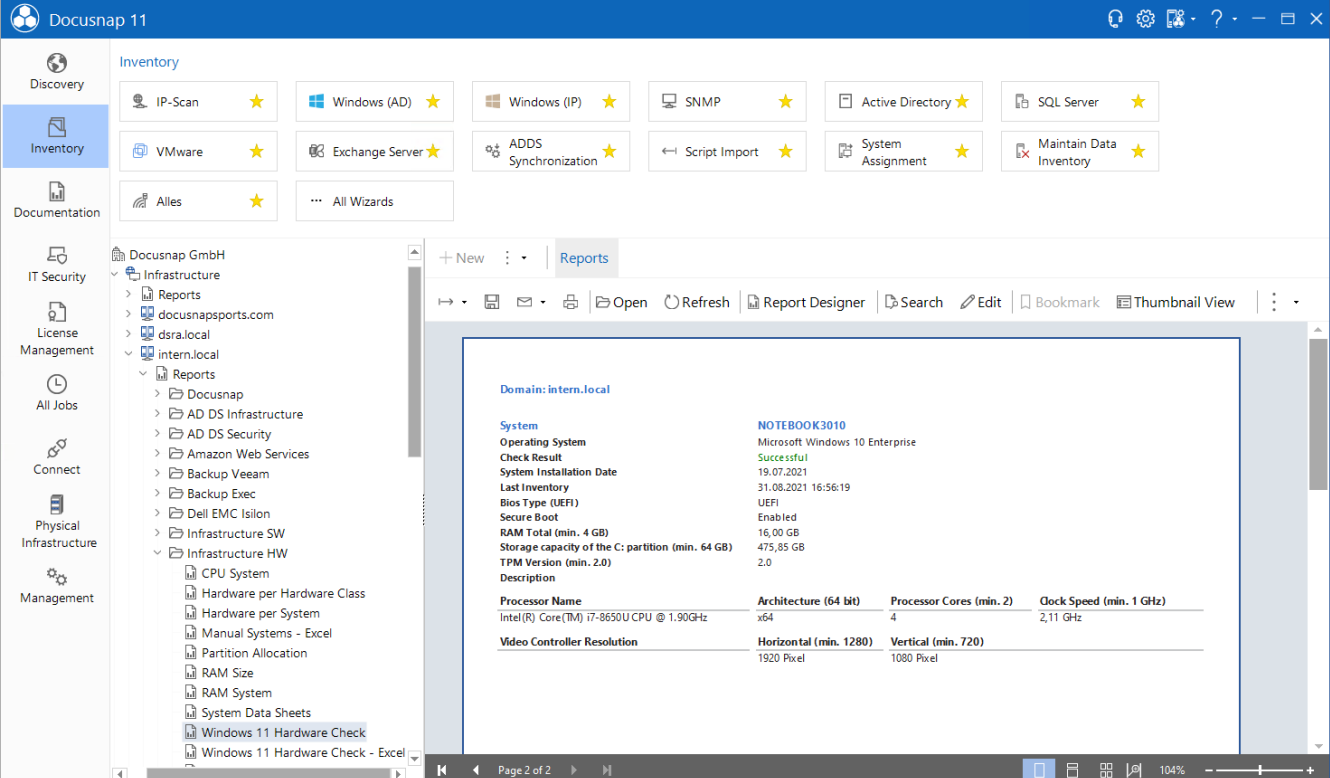
The same behavior occurs if the DocuSnapScript.exe is executed in the context of the local system account when starting a system!

3. Reports

The two reports for testing hardware requirements for Windows 11 can be found in Docusnap as follows:

- Your Company - Infrastructure - Your Domain - Reports - Infrastructure HW.
 - Windows 11 Hardware Check
 - Windows 11 Hardware Check - Excel

The Windows 11 Hardware Audit report lists the information for you in a structured manner, while the Excel report lists it in tabular form.



The screenshot displays the Docusnap 11 web interface. The left sidebar shows a navigation menu with categories like Discovery, Inventory, Documentation, IT Security, License Management, All Jobs, Connect, Physical Infrastructure, and Management. The main content area shows a tree view of the 'Infrastructure' folder, with 'Reports' expanded to show 'Windows 11 Hardware Check' selected. The report content is displayed in a structured format:

Domain: intern.local

System **NOTEBOOK3010**

Operating System Microsoft Windows 10 Enterprise

Check Result Successful

System Installation Date 19.07.2021

Last Inventory 31.08.2021 16:56:19

Bios Type (UEFI) UEFI

Secure Boot Enabled

RAM Total (min. 4 GB) 16,00 GB

Storage capacity of the C: partition (min. 64 GB) 475,95 GB

TPM Version (min. 2.0) 2.0

Description

Processor Name	Architecture (64 bit)	Processor Cores (min. 2)	Clock Speed (min. 1 GHz)
Intel(R) Core(TM) i7-8650U CPU @ 1.90GHz	x64	4	2,11 GHz

Video Controller Resolution	Horizontal (min. 1280)	Vertical (min. 720)
	1920 Pixel	1080 Pixel

The bottom of the screenshot shows a footer with 'Page 2 of 2' and a zoom level of 104%.

Figure 1 - Report Windows 11 Hardwareprüfung

VERSION HISTORY

Date	Description
September 02, 2021	Version 1.0 created
