

System Specification Log for Cambria Creatives

Device looked at

(System 1) Desktop

Technician Name:

Jake Kenyon

Part	Details	Date checked
System	OptiPlex 360	06/03/2025
Network status	Computer's in the main office connected to one monochrome laser printer	06/03/2025
Processor Type	Pentium Intel Dual core E5300	06/03/2025
Processor speed	2.6GHz	06/03/2025
RAM Type	DDR2	06/03/2025
RAM Size	2GB	06/03/2025
Video card/connections	Intel G33/G31 Express Chipset	06/03/2025
Connectivity (Ethernet, wi-fi, etc.)	Ethernet Port/ WiFi	06/03/2025
Monitor	Dell E173FP	06/03/2025
Storage Capacity	74.4GB	06/03/2025
Storage Type	Local Disk	06/03/2025
Optical Drive	Has an Optical Drive	06/03/2025
USB Ports	8 Usb ports	06/03/2025
Operating System	Windows 7 Enterprise 64 bit	06/03/2025
Other Peripherals	Keyboard, Monitor, and Mouse	06/03/2025
Applications	Microsoft Office 2016	06/03/2025
Other Considerations	It's an out-of-date computer but it's in good condition with all the components needed (keyboard, mouse, monitor)	06/03/2025

System Specification Log for Cambria Creatives

Device looked at

(System 2) Laptop

Technician Name:

Jake Kenyon

Part	Details	Date checked
System	Ergo Vista 621 Notebook 7251	06/03/2025
Network status	A stand alone laptop computer in the main office connected to one monochrome laser printer	06/03/2025
Processor Type	Intel core duo T7250	06/03/2025
Processor speed	2GHz	06/03/2025
RAM Type	DDR2	06/03/2025
RAM Size	1GB	06/03/2025
Video card/connections	Mobile Intel 765 chipset	06/03/2025
Connectivity (Ethernet, wi-fi, etc.)	Ethernet Port/Wi Fi	06/03/2025
Monitor	Integrated	06/03/2025
Storage Capacity	40GB	06/03/2025
Storage Type	Local Disk	06/03/2025
Optical Drive	Has an optical drive	06/03/2025
USB Ports	2 USB ports	06/03/2025
Operating System	Windows 7 Enterprise	06/03/2025
Other Peripherals	Keyboard, Trackpad and integrated monitor	06/03/2025
Applications	Internet explorer, file manager and microsoft office	06/03/2025

Other Considerations	Its an out of date laptop in good condition with all components working	06/03/2025
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Introduction

In this report, I will explain the benefits of installing and maintaining the hardware in two different technology systems used by Cambria Creatives, a company specialising in weighing and measuring cheese before shipping it to customers. The two systems I will analyse are a desktop computer and a laptop. Both systems are essential for data entry and keeping customer records, and I will discuss how proper maintenance can enhance their performance and reliability.

General benefits of installing and maintaining hardware

The benefits of installing and maintaining hardware are significant for Cambria Creatives. Regular maintenance helps reduce costs by preventing unexpected failures that can lead to expensive repairs or replacements. Upgrading hardware components such as the CPU, RAM, or storage drives can lead to improved performance, which is crucial for our operations that require fast and accurate data processing. For example, a faster processor can help our staff quickly enter customer orders, while additional RAM can support running multiple applications simultaneously without slowdowns.

Moreover, maintaining hardware ensures that all components function correctly, which increases reliability. For instance, regularly cleaning the internal parts of the computers can prevent overheating, which may lead to system failures. Additionally, keeping the software updated can enhance security, protecting sensitive customer information from potential breaches. Overall, maintaining and upgrading hardware allows Cambria Creatives to customize its systems to better meet the specific needs of the business.

Benefits of installing and maintaining hardware in (System 1) Desktop

Desktop computers at Cambria Creatives typically offer better performance than laptops, especially for tasks that require significant processing power, like data analysis and customer record management. The ability to install high-end components allows for efficient handling of demanding tasks. Additionally, desktops are generally more cost-effective to upgrade than laptops, as parts are more accessible and easier to replace.

Moreover, desktops are easier to repair, which is beneficial for our IT staff who can quickly troubleshoot issues without needing specialized tools. Customizing desktops to meet the specific needs of Cambria Creatives allows for a tailored user experience, enhancing productivity.

Benefits of installing and maintaining hardware in (System 2) Laptop

Upgrading hardware components in laptops can lead to significant performance improvements. For instance, adding more RAM can enhance the laptop's ability to handle multiple tasks, which is essential for the general manager at Cambria Creatives who needs to manage customer records and oversee operations simultaneously. Additionally, upgrading to a larger SSD can improve system responsiveness and reduce boot times, allowing for quicker access to essential applications.

Maintaining the laptop's hardware is also crucial for extending its lifespan. Regular checks and updates can keep the system running smoothly, ensuring that it remains capable of supporting the necessary applications for the business.