

# **WITNESS STATEMENT**

Learner name:	Niall Jenkins	
Qualification:	BTEC Level 2 First Diploma in Information and Creative Technology	
Unit number & title:	U14: Installing and Maintaining Computer Hardware	

### Description of activities undertaken (please be as specific as possible)

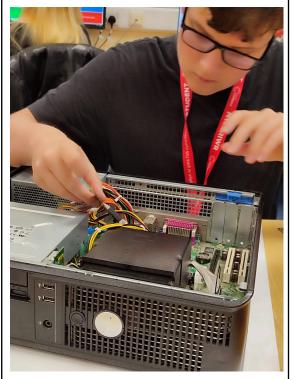
The student has performed a hardware installation on a desktop PC to repair hardware faults and has also installed a new piece of external hardware

## Supporting evidence of activity (eg. Photograph/screenshot) if applicable











Student has shown evidence of the following:		
Install and maintain hardware in a technology system that includes the:  repair of at least two different internal hardware component faults upgrade of at least two different internal hardware components installation of at least one additional external hardware device  (2C.P4)	<b>✓</b>	
Test the modified technology system for functionality against the purpose and repair any faults as necessary.  (2C.P5)	<b>✓</b>	
Explain how the modified technology system is suitable for the intended purpose and original requirements (2C.P6)		

#### Other supporting evidence of activity

After removing the computer casing, Niall inserted a USB 3.0 PCI Express card and secured it in place. They proceeded to remove the CMOS battery and tested it with a voltmeter, confirming it was dead before replacing it. The RAM was then upgraded by installing a newer stick of DDR memory. Once the system booted successfully, Niall connected a graphics tablet and demonstrated its functionality using Paint. They gave a clear verbal explanation of how these improvements would benefit the user's workflow and improve reliability.

#### Assessment criteria (for which the activity provides evidence)

- 2C.P4 Install and maintain hardware in a technology system that includes the:
- repair of at least two different internal hardware component faults
- upgrade of at least two different internal hardware components
- installation of at least one additional external hardware device

2C.P5 - Test the modified technology system for functionality against the purpose and repair any faults as necessary.



2C.P6 - Explain how the modified technology system is suitable for the intended purpose and original requirements.						
Witness name:	Marc Casson Job role:		Lecturer			
Witness signature:	M Caran		Date:	08/05/2025		
Learner name:	Niall Jenkins					
Learner signature:	Niall Jenkins 22134152@cambria.ac.uk		Date:	08/05/2025		