

Latitude 5x21

Battery Benchmarks

Intel 11th Generation



June 2021

Restricted - Confidential



Latitude 5421

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Latitude 5421 Battery Life

Product Claim

- **Battery life: up to 8 hours and 48 minutes** of battery life with Intel i5-11400H, 8GB RAM, 256GB PCIe SSD, HD Non-Touch display, and 64 Whr battery***
- **Battery life: up to 10 hours and 35 minutes** of battery life with Intel i5-11500H, 8GB RAM, 256GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 64 Whr battery***
- **Battery life: up to 10 hours and 59 minutes** of battery life with Intel i7-11850H, 8GB RAM, 256GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 64 Whr battery***
- **Battery life: up to 8 hours and 48 minutes** of battery life with Intel i7-11850H, NVIDIA MX-450, 16GB RAM, 512GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 64 Whr battery***

*The stated Watt Hour (Whr) is not an indication of battery life

**Battery life is based on Mobile Mark 2018 benchmark test, available at www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.



Latitude 5421 Battery Life

Test configurations:

- Latitude 5421
Test Configuration 1:
 - W10 Pro 64 bit
 - Build 19042
 - i5-11400H
 - Intel UHD Graphics
 - 8GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 14" HD Non-Touch
 - 64 Whr
- Latitude 5421
Test Configuration 2:
 - W10 Pro 64 bit
 - Build 19042
 - i5-11500H
 - Intel UHD Graphics
 - 8GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 14" FHD Non-Touch
 - 64 Whr
- Latitude 5421
Test Configuration 3:
 - W10 Pro 64 bit
 - Build 19042
 - i7-11850H
 - Intel UHD Graphics
 - 8GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 14" FHD Non-Touch
 - 64 Whr
- Latitude 5421
Test Configuration 4:
 - W10 Pro 64 bit
 - Build 19042
 - i7-11850H
 - NVIDIA MX450
 - 16GB DDR4
 - 512G PCIe SSD
 - BIOS: 1.0.0
 - 14" FHD Non-Touch
 - 64 Whr



Latitude 5421 Battery Life with Power Companion

- **i5-11400H, 8G RAM, 256G SSD, HD NT, and 64 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 12 hours and 40 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 14 hours and 39 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 12 hours and 40 minutes of battery life***
- **i5-11500H, 8G RAM, 256G SSD, FHD NT, and 64 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 14 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 17 hours and 37 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 14 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Power Companion battery capacity ratio and published MobileMark 2018 battery life



Latitude 5421 Battery Life with Power Companion

- **i7-11850H, 8G RAM, 256G SSD, FHD NT, and 64 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 50 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 18 hours and 18 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 50 minutes of battery life***
- **i7-11850H, NVIDIA MX450, 16G RAM, 512G SSD, FHD NT, and 64 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 12 hours and 40 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 14 hours and 39 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 12 hours and 40 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Power Companion battery capacity ratio and published MobileMark 2018 battery life



Latitude 5521

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Latitude 5521 Battery Life

Product Claim

- **Battery life: up to 8 hours and 7 minutes** of battery life with Intel i5-11400H, 8GB RAM, 256GB PCIe SSD, HD Non-Touch display, and 64 Whr battery***
- **Battery life: up to 8 hours and 10 minutes** of battery life with Intel i5-11500H, 8GB RAM, 256GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 64 Whr battery***
- **Battery life: up to 12 hours and 20 minutes** of battery life with Intel i5-11500H, 8GB RAM, 256GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 97 Whr battery***

*The stated Watt Hour (Whr) is not an indication of battery life

**Battery life is based on Mobile Mark 2018 benchmark test, available at www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.



Latitude 5521 Battery Life

Product Claim

- **Battery life: up to 7 hours and 49 minutes** of battery life with Intel i7-11850H, 16GB RAM, 256GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 64 Whr battery***
- **Battery life: up to 11 hours and 32 minutes** of battery life with Intel i7-11850H, 16GB RAM, 256GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 97 Whr battery***
- **Battery life: up to 7 hours and 45 minutes** of battery life with Intel i7-11850H, 16GB RAM, 256GB PCIe SSD, UHD Non-Touch Super-Low-Power display, and 64 Whr battery***
- **Battery life: up to 12 hours and 8 minutes** of battery life with Intel i7-11850H, 16GB RAM, 256GB PCIe SSD, UHD Non-Touch Super-Low-Power display, and 97 Whr battery***

*The stated Watt Hour (Whr) is not an indication of battery life

**Battery life is based on Mobile Mark 2018 benchmark test, available at www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.



Latitude 5521 Battery Life

Product Claim

- **Battery life: up to 11 hours and 19 minutes** of battery life with Intel i5-11500H, NVIDIA MX-450, 8GB RAM, 256GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 97 Whr battery***
- **Battery life: up to 10 hours and 18 minutes** of battery life with Intel i7-11850H, NVIDIA MX-450, 16GB RAM, 512GB PCIe SSD, FHD Non-Touch Super-Low-Power display, and 97 Whr battery***

*The stated Watt Hour (Whr) is not an indication of battery life

**Battery life is based on Mobile Mark 2018 benchmark test, available at www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.



Latitude 5521 Battery Life

Test configurations:

- Latitude 5521
Test Configuration 1:
 - W10 Pro 64 bit
 - Build 19042
 - i5-11400H
 - Intel UHD Graphics
 - 8GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" HD Non-Touch
 - 64 Whr
- Latitude 5521
Test Configuration 2:
 - W10 Pro 64 bit
 - Build 19042
 - i5-11500H
 - Intel UHD Graphics
 - 8GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" FHD Non-Touch
 - 64 Whr
- Latitude 5521
Test Configuration 3:
 - W10 Pro 64 bit
 - Build 19042
 - i5-11500H
 - Intel UHD Graphics
 - 8GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" FHD Non-Touch
 - 97 Whr



Latitude 5521 Battery Life

Test configurations:

- Latitude 5521
Test Configuration 4:
 - W10 Pro 64 bit
 - Build 19042
 - i7-11850H
 - Intel UHD Graphics
 - 16GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" FHD Non-Touch
 - 64 Whr
- Latitude 5521
Test Configuration 5:
 - W10 Pro 64 bit
 - Build 19042
 - i7-11850H
 - Intel UHD Graphics
 - 16GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" FHD Non-Touch
 - 97 Whr
- Latitude 5521
Test Configuration 6:
 - W10 Pro 64 bit
 - Build 19042
 - i7-11850H
 - Intel UHD Graphics
 - 16GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" UHD Non-Touch
 - 64 Whr
- Latitude 5521
Test Configuration 7:
 - W10 Pro 64 bit
 - Build 19042
 - i7-11850H
 - Intel UHD Graphics
 - 16GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" UHD Non-Touch
 - 97 Whr



Latitude 5521 Battery Life

Test configurations:

- Latitude 5521
Test Configuration 8:
 - W10 Pro 64 bit
 - Build 19042
 - i5-11500H
 - NVIDIA MX450
 - 8GB DDR4
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 15" FHD Non-Touch
 - 97 Whr
- Latitude 5521
Test Configuration 9:
 - W10 Pro 64 bit
 - Build 19042
 - i7-11850H
 - NVIDIA MX450
 - 16GB DDR4
 - 512G PCIe SSD
 - BIOS: 1.0.0
 - 15" FHD Non-Touch
 - 97 Whr



Latitude 5521 Battery Life with Power Companion

- **i5-11400H, 8G RAM, 256G SSD, HD NT, and 64 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 11 hours and 42 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 13 hours and 31 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 11 hours and 42 minutes of battery life***
- **i5-11500H, 8G RAM, 256G SSD, FHD NT, and 64 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 11 hours and 46 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 13 hours and 35 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 11 hours and 46 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Power Companion battery capacity ratio and published MobileMark 2018 battery life



Latitude 5521 Battery Life with Power Companion

- **i5-11500H, 8G RAM, 256G SSD, FHD NT, and 97 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 55 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 17 hours and 45 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 55 minutes of battery life***
- **i7-11850H, 16G RAM, 256G SSD, FHD NT, and 64 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 11 hours and 15 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 13 hours and 0 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 11 hours and 15 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Power Companion battery capacity ratio and published MobileMark 2018 battery life



Latitude 5521 Battery Life with Power Companion

- i7-11850H, 16G RAM, 256G SSD, FHD NT, and 97 Whr battery
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 14 hours and 53 minutes of battery life*
 - With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 16 hours and 35 minutes of battery life*
 - With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 14 hours and 53 minutes of battery life*
- i7-11850H, 16G RAM, 256G SSD, UHD NT, and 64 Whr battery
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 11 hours and 10 minutes of battery life*
 - With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 12 hours and 55 minutes of battery life*
 - With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 11 hours and 10 minutes of battery life*

*Extended hour calculation estimate is based on system to Dell Power Companion battery capacity ratio and published MobileMark 2018 battery life



Latitude 5521 Battery Life with Power Companion

- **i7-11850H, 16G RAM, 256G SSD, UHD NT, and 97 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 40 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 17 hours and 28 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 40 minutes of battery life***
- **i5-11500H, NVIDIA MX450, 8G RAM, 256G SSD, FHD NT, and 97 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 14 hours and 37 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 16 hours and 17 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 14 hours and 37 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Power Companion battery capacity ratio and published MobileMark 2018 battery life



Latitude 5521 Battery Life with Power Companion

- **i7-11850H, NVIDIA MX450, 16G RAM, 512G SSD, FHD NT, and 97 Whr battery**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 13 hours and 18 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 14 hours and 49 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 13 hours and 18 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Power Companion battery capacity ratio and published MobileMark 2018 battery life



Back Up

