

Battery



Battery Benchmark 7x40 vs 7x30 (Win11- MM18)

Latitude 7x40

	Battery Pack	Battery Life	Difference	Battery Life	Battery Pack
Maintream Laptop					
i7-vPro (U15), 16GB RAM, 256GB SSD, FHD+ SLP(400 Nits)	57 Whr	12:01	0:53	11:08	58 Whr
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD+ SLP(400 Nits)	38 Whr	8:38	0:52	7:46	41 Whr
Ultralight Laptop					
i7-vPro (U15), 16GB RAM, 256GB SSD, FHD+ Touch (300 Nits)	57 Whr	12:01			
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD+	38 Whr	8:46	0:51	7:55	41 Whr
2-in-1					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, QHD+ Touch (500 Nits)	57 Whr	12:13	1:05	11:08	58 Whr
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, QHD+ Touch (500 Nits)	38 Whr	8:35	0:13	8:22	41 Whr
Maintream Laptop					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD+ SLP(400 Nits)	57 Whr	13:30	2:03	11:27	58 Whr
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD+ SLP(400 Nits)	38 Whr	8:05	-0:24	8:29	41 Whr
i7-vPro (P28), 16GB RAM, 512GB SSD, FHD+ SLP(400 Nits)	57 Whr	12:23	1:13	11:10	58 Whr
Ultralight Laptop					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, QHD+ Touch SLP(500 Nits)	57 Whr	12:13			
i7-vPro (U15), 16GB RAM, 256GB SSD, FHD+ SLP(400 Nits)	38 Whr	7:45			
2-in-1					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD+ Touch (300 Nits)	57 Whr	13:43	3:03	10:40	58 Whr
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD+ Touch (300 Nits)	38 Whr	9:06	1:43	7:23	41 Whr
Maintream Laptop					
i7-vPro (U15), 16GB RAM, 512GB SSD, FHD+ Touch (300 Nits)	57 Whr	10:29	1:15	9:14	58 Whr
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD+ (250 Nits)	38 Whr	6:50			
i5-1350P, 16GB RAM, 256GB SSD, FHD+ (250 Nits)	57 Whr	9:07	-0:31	9:38	58 Whr

Latitude 7x30

	Battery Pack	Battery Life	Difference	Battery Life	Battery Pack
Maintream Laptop					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD SLP(400 Nits)					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD SLP(400 Nits)					
Ultralight Laptop					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD SLP(400 Nits)					
2-in-1					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD 2in1 SLP					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD 2in1 SLP					
Maintream Laptop					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD SLP(400 Nits)					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD SLP(400 Nits)					
i7-vPro (P28), 16GB RAM, 512GB SSD, FHD SLP(400 Nits)					
Ultralight Laptop					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD 2in1 SLP					
i5-vPro (U15), 16GB RAM, 256GB SSD, FHD 2in1 SLP					
Maintream Laptop					
i5-vPro (U15) (U15), 16GB RAM, 256GB SSD, FHD SLP(400 Nits)					
i5-vPro (P28), 16GB RAM, 256GB SSD, FHD SLP(400 Nits)					

Impacts on Battery Benchmarks



16:9 > 16:10 Display



Smaller battery pack



No SLP panel in 16"







RPL more efficient than ADL

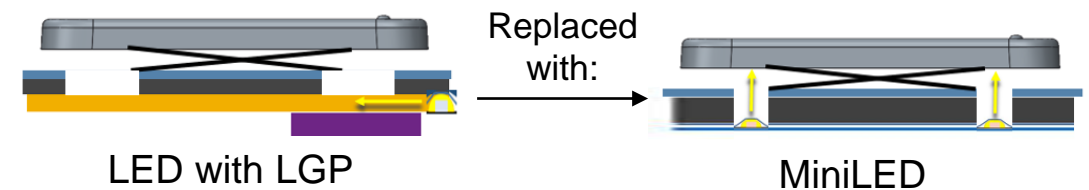


Change from Balanced Mode (7x30) to Best Power Efficiency (7x40). Aligned with competition

Battery-Saving Mini LED Backlit Keyboard

HH:MM		7340	7440	7640
BL Turned off (MM18)		12:13	13:43	10:28
Traditional Backlit		8:35	9:18	7:42
Mini LED Backlit		11:01	12:15	9:36
Mini LED Max Impact	Hours	2:26	2:56	1:54
	Percentage	28.4%	31.6%	24.7%

	Traditional LED (Mature process)	Mini LED (New Process)
		 Dell KB Mini LED Chip size: 0.4mmX0.2mm Chip thickness: 0.1mm
		
Chip Size	>1.5mm	0.1~1.5mm
Chip Thickness	>0.1mm	>0.08mm
Process	Package	CSP (Chip Scale Package, without lead frame)
Chip Type	Horizontal/Vertical/Flip-chip	Flip-chip
Application	<ul style="list-style-type: none"> • Backlight(e.g., TV, KB, Display) • Lighting (e.g., Lamp, Street Light) • Signage 	<ul style="list-style-type: none"> • Backlight (iPad/Apple Watch/TV/Car-display)



Latitude 7x40

Battery Benchmarks

Intel 13th Generation



March 2023

Restricted - Confidential



Latitude 7340

Battery Benchmarks

Intel 13th Generation



March 2023

Restricted - Confidential



Latitude 7340 Battery Life

Product Claim

- Clamshell

- **Battery life: up to 11 hours and 37 minutes** of battery life with Intel i5-1335U, 8GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 57 Whr battery***
- **Battery life: up to 8 hours and 38 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 38 Whr battery***
- **Battery life: up to 11 hours and 48 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 57 Whr battery***
- **Battery life: up to 12 hours and 1 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 57 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 7340 Battery Life

Product Claim

- **Clamshell Ultralight**

- **Battery life: up to 8 hours and 46 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 38 Whr battery***
- **Battery life: up to 11 hours and 45 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 57 Whr battery***
- **Battery life: up to 8 hours and 41 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 38 Whr battery***
- **Battery life: up to 11 hours and 35 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, Windows 11, and 57 Whr battery***
- **Battery life: up to 11 hours and 42 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Touch 300nits Display, Windows 11, and 57 Whr battery***
- **Battery life: up to 12 hours and 1 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Touch 300nits Display, Windows 11, and 57 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 7340 Battery Life

Product Claim

- **2-in-1**
 - **Battery life: up to 8 hours and 35 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, QHD+ Touch 500nits Display, Windows 11, and 38 Whr battery***
 - **Battery life: up to 12 hours and 13 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, QHD+ Touch 500nits Display, Windows 11, and 57 Whr battery***
 - **Battery life: up to 11 hours and 50 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, QHD+ Touch 500nits Display, Windows 11, and 57 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 7340 Battery Life

Test configurations:

- Latitude 7340
Test Configuration 1:
 - Win11 SV2
 - Build 22621
 - i5-1335U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 8GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 13.3” FHD+ 400nits
Non-Touch
 - 57 Whr
- Latitude 7340
Test Configuration 2:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 13.3” FHD+ 400nits
Non-Touch
 - 38 Whr
- Latitude 7340
Test Configuration 3:
 - Win11 SV2
 - Build 22621
 - i5-1335U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 13.3” FHD+ 400nits
Non-Touch
 - 57 Whr



Latitude 7340 Battery Life

Test configurations:

- Latitude 7340
Test Configuration 4:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 13.3” FHD+ 400nits
Non-Touch
 - 57 Whr
- Latitude 7340 (Ultralight)
Test Configuration 5:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 13.3” FHD+ 400nits
Non-Touch
 - 38 Whr
- Latitude 7340 (Ultralight)
Test Configuration 6:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 13.3” FHD+ 400nits
Non-Touch
 - 57 Whr



Latitude 7340 Battery Life

Test configurations:

- Latitude 7340 (Ultralight)

Test Configuration 7:

- Win11 SV2
 - Build 22621
- i7-1365U
- Intel Iris Xe Graphics
 - 96 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.0
- 13.3” FHD+ 400nits
Non-Touch
- 38 Whr

- Latitude 7340 (Ultralight)

Test Configuration 8:

- Win11 SV2
 - Build 22621
- i7-1365U
- Intel Iris Xe Graphics
 - 96 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.0
- 13.3” FHD+ 400nits
Non-Touch
- 57 Whr

- Latitude 7340 (Ultralight)

Test Configuration 9:

- Win11 SV2
 - Build 22621
- i5-1345U
- Intel Iris Xe Graphics
 - 80 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.0
- 13.3” FHD+ 300nits
Touch
- 57 Whr



Latitude 7340 Battery Life

Test configurations:

- Latitude 7340 (Ultralight)

Test Configuration 10:

- Win11 SV2
 - Build 22621
- i7-1365U
- Intel Iris Xe Graphics
 - 96 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.0
- 13.3” FHD+ 300nits Touch
- 57 Whr

- Latitude 7340 (2-in-1)

Test Configuration 11:

- Win11 SV2
 - Build 22621
- i5-1345U
- Intel Iris Xe Graphics
 - 80 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.0
- 13.3” QHD+ 500nits Touch
- 38 Whr

- Latitude 7340 (2-in-1)

Test Configuration 12:

- Win11 SV2
 - Build 22621
- i5-1345U
- Intel Iris Xe Graphics
 - 80 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.0
- 13.3” QHD+ 500nits Touch
- 57 Whr



Latitude 7340 Battery Life

Test configurations:

- Latitude 7340 (2-in-1)
Test Configuration 12:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.0
 - 13.3” QHD+ 500nits
Touch
 - 57 Whr



Latitude 7340 Battery Life with Power Companion

- **Clamshell (i5-1335U, 8GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 22 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 18 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 22 minutes of battery life***
- **Clamshell (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 3 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 18 hours and 19 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 3 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7340 Battery Life with Power Companion

- **Clamshell (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 39 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 37 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 39 minutes of battery life***
- **Clamshell (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 57 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 59 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 57 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7340 Battery Life with Power Companion

- **Clamshell Ultralight (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 16 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 18 hours and 35 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 16 minutes of battery life***
- **Clamshell Ultralight (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 33 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 31 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 33 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7340 Battery Life with Power Companion

- **Clamshell Ultralight (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 8 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 18 hours and 25 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 8 minutes of battery life***
- **Clamshell Ultralight (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 19 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 14 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 19 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7340 Battery Life with Power Companion

- **Clamshell Ultralight (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Touch 300nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 30 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 27 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 30 minutes of battery life***
- **Clamshell Ultralight (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Touch 300nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 57 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 59 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 57 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7340 Battery Life with Power Companion

- **2-in-1 (i5-1345U, 16GB RAM, 256GB SSD, QHD+ Touch 500nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 14 hours and 58 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 18 hours and 13 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 14 hours and 58 minutes of battery life***
- **2-in-1 (i5-1345U, 16GB RAM, 256GB SSD, QHD+ Touch 500nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 18 hours and 15 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 21 hours and 20 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 18 hours and 15 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7340 Battery Life with Power Companion

- **2-in-1 (i7-1365U, 16GB RAM, 256GB SSD, QHD+ Touch 500nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 41 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 40 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 41 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440

Battery Benchmarks

Intel 13th Generation



March 2023

Restricted - Confidential



Latitude 7440 Battery Life

Product Claim

- Clamshell

- **Battery life: up to 12 hours and 21 minutes** of battery life with Intel i5-1335U, 8GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 57 Whr battery***
- **Battery life: up to 8 hours and 5 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 38 Whr battery***
- **Battery life: up to 13 hours and 30 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 57 Whr battery***
- **Battery life: up to 12 hours and 11 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 57 Whr battery***

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

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Latitude 7440 Battery Life

Product Claim

- Clamshell
 - **Battery life: up to 12 hours and 43 minutes** of battery life with Intel i7-1365U, 16GB RAM, 512GB PCIe SSD, QHD+ Touch 400nits Display, and 57 Whr battery***
 - **Battery life: up to 12 hours and 18 minutes** of battery life with Intel i5-1350P, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 57 Whr battery***
 - **Battery life: up to 12 hours and 23 minutes** of battery life with Intel i7-1370P, 16GB RAM, 512GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 57 Whr battery***

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

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Latitude 7440 Battery Life

Product Claim

- **Clamshell Ultralight**

- **Battery life: up to 7 hours and 35 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 38 Whr battery***
- **Battery life: up to 11 hours and 6 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 57 Whr battery***
- **Battery life: up to 7 hours and 45 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 38 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 7440 Battery Life

Product Claim

- **Clamshell Ultralight**
 - **Battery life: up to 11 hours and 45 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 400nits Display, and 57 Whr battery***
 - **Battery life: up to 12 hours and 13 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, QHD+ Touch 400nits Display, and 57 Whr battery***
 - **Battery life: up to 11 hours and 15 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, QHD+ Touch 400nits Display, and 57 Whr battery***

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

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Latitude 7440 Battery Life

Product Claim

- **2-in-1**
 - **Battery life: up to 9 hours and 6 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Touch 300nits Display, and 38 Whr battery***
 - **Battery life: up to 13 hours and 43 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Touch 300nits Display, and 57 Whr battery***
 - **Battery life: up to 13 hours and 11 minutes** of battery life with Intel i7-1365U, 16GB RAM, 512GB PCIe SSD, FHD+ Touch 300nits Display, and 57 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 7440 Battery Life

Test configurations:

- Latitude 7440
Test Configuration 1:
 - Win11 SV2
 - Build 22621
 - i5-1335U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 8GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 57 Whr
- Latitude 7440
Test Configuration 2:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 38 Whr
- Latitude 7440
Test Configuration 3:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 57 Whr



Latitude 7440 Battery Life

Test configurations:

- Latitude 7440
Test Configuration 4:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 57 Whr
- Latitude 7440
Test Configuration 5:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 512G PCIe SSD
 - BIOS: 1.0.1
 - 14" QHD+ 400nits Touch
 - 57 Whr
- Latitude 7440
Test Configuration 6:
 - Win11 SV2
 - Build 22621
 - i5-1350P
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 57 Whr



Latitude 7440 Battery Life

Test configurations:

- Latitude 7440
Test Configuration 7:
 - Win11 SV2
 - Build 22621
 - i7-1370P
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 512G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 57 Whr
- Latitude 7440 (Ultralight)
Test Configuration 8:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 38 Whr
- Latitude 7440 (Ultralight)
Test Configuration 9:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 400nits Non-Touch
 - 57 Whr



Latitude 7440 Battery Life

Test configurations:

- Latitude 7440 (Ultralight)

Test Configuration 10:

- Win11 SV2
 - Build 22621
- i7-1365U
- Intel Iris Xe Graphics
 - 96 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.1
- 14" FHD+ 400nits Non-Touch
- 38 Whr

- Latitude 7440 (Ultralight)

Test Configuration 11:

- Win11 SV2
 - Build 22621
- i7-1365U
- Intel Iris Xe Graphics
 - 96 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.1
- 14" FHD+ 400nits Non-Touch
- 57 Whr

- Latitude 7440 (Ultralight)

Test Configuration 12:

- Win11 SV2
 - Build 22621
- i5-1345U
- Intel Iris Xe Graphics
 - 80 Exe. Units
- 16GB LPDDR5
- 256G PCIe SSD
- BIOS: 1.0.1
- 14" QHD+ 400nits Touch
- 57 Whr



Latitude 7440 Battery Life

Test configurations:

- Latitude 7440 (Ultralight)
Test Configuration 13:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14” QHD+ 400nits
Touch
 - 57 Whr
- Latitude 7440 (2-in-1)
Test Configuration 14:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14” FHD+ 300nits
Touch
 - 38 Whr
- Latitude 7440 (2-in-1) Test
Configuration 15:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 14” FHD+ 300nits
Touch
 - 57 Whr



Latitude 7440 Battery Life

Test configurations:

- Latitude 7440 (2-in-1) Test Configuration 16:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 512G PCIe SSD
 - BIOS: 1.0.1
 - 14" FHD+ 300nits Touch
 - 57 Whr



Latitude 7440 Battery Life with Power Companion

- **Clamshell (i5-1335U, 8GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 18 hours and 27 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 21 hours and 34 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 18 hours and 27 minutes of battery life***
- **Clamshell (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 14 hours and 5 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 17 hours and 9 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 14 hours and 5 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440 Battery Life with Power Companion

- **Clamshell (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 20 hours and 11 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 23 hours and 35 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 20 hours and 11 minutes of battery life***
- **Clamshell (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 18 hours and 13 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 21 hours and 17 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 18 hours and 13 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440 Battery Life with Power Companion

- Clamshell (i7-1365U, 16GB RAM, 512GB SSD, QHD+ Touch 400nits and 57 Whr battery)
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 19 hours of battery life*
 - With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 22 hours and 12 minutes of battery life*
 - With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 19 hours of battery life*
- Clamshell (i5-1350P, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 9 hours and 43 minutes of battery life*
 - With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 11 hours and 22 minutes of battery life*
 - With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 9 hours and 43 minutes of battery life*

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440 Battery Life with Power Companion

- **Clamshell (i7-1370P, 16GB RAM, 512GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 9 hours and 50 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 11 hours and 30 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 9 hours and 50 minutes of battery life***
- **Clamshell Ultralight (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 13 hours and 12 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 16 hours and 4 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 13 hours and 12 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440 Battery Life with Power Companion

- **Clamshell Ultralight (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 16 hours and 36 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 19 hours and 24 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 16 hours and 36 minutes of battery life***
- **Clamshell Ultralight (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 13 hours and 30 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 16 hours and 25 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 13 hours and 30 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440 Battery Life with Power Companion

- **Clamshell Ultralight (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 17 hours and 33 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 20 hours and 31 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 17 hours and 33 minutes of battery life***
- **Clamshell Ultralight (i5-1345U, 16GB RAM, 256GB SSD, QHD+ Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 18 hours and 15 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 21 hours and 20 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 18 hours and 15 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440 Battery Life with Power Companion

- **Clamshell Ultralight (i7-1365U, 16GB RAM, 256GB SSD, QHD+ Touch 400nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 16 hours and 49 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 19 hours and 39 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 16 hours and 49 minutes of battery life***
- **2-in-1 (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Touch 300nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 15 hours and 51 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 19 hours and 17 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 15 hours and 51 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7440 Battery Life with Power Companion

- **2-in-1 (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Touch 300nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 20 hours and 31 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 23 hours and 58 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 20 hours and 31 minutes of battery life***
- **2-in-1 (i7-1365U, 16GB RAM, 512GB SSD, FHD+ Touch 300nits and 57 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 19 hours and 43 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 23 hours and 02 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 19 hours and 43 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7640

Battery Benchmarks

Intel 13th Generation



March 2023

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Latitude 7640 Battery Life

Product Claim

- **Clamshell**

- **Battery life: up to 9 hours and 57 minutes** of battery life with Intel i5-1335U, 8GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 250nits Display, and 57 Whr battery***
- **Battery life: up to 6 hours and 50 minutes** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 250nits Display, and 38 Whr battery***
- **Battery life: up to 10 hours ** of battery life with Intel i5-1345U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 250nits Display, and 57 Whr battery***
- **Battery life: up to 9 hours and 59 minutes** of battery life with Intel i7-1365U, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 250nits Display, and 57 Whr battery***
- **Battery life: up to 10 hours and 29 minutes** of battery life with Intel i7-1365U, 16GB RAM, 512GB PCIe SSD, FHD+ Touch 300nits Display, and 57 Whr battery***
- **Battery life: up to 9 hours and 7 minutes** of battery life with Intel i5-1350P, 16GB RAM, 256GB PCIe SSD, FHD+ Non-Touch 250nits Display, and 57 Whr battery***
- **Battery life: up to 8 hours and 54 minutes** of battery life with Intel i7-1370P, 16GB RAM, 512GB PCIe SSD, FHD+ Non-Touch 250nits Display, and 57 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 7640 Battery Life

Test configurations:

- Latitude 7640
Test Configuration 1:
 - Win11 SV2
 - Build 22621
 - i5-1335U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 8GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 16" FHD+ 250nits Non-Touch
 - 57 Whr
- Latitude 7640
Test Configuration 2:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 16" FHD+ 250nits Non-Touch
 - 38 Whr
- Latitude 7640
Test Configuration 3:
 - Win11 SV2
 - Build 22621
 - i5-1345U
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 16" FHD+ 250nits Non-Touch
 - 57 Whr

Latitude 7640 Battery Life

Test configurations:

- Latitude 7640
Test Configuration 4:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 16" FHD+ 250nits Non-Touch
 - 57 Whr
- Latitude 7640
Test Configuration 5:
 - Win11 SV2
 - Build 22621
 - i7-1365U
 - Intel Iris Xe Graphics
 - 96 Exe. Units
 - 16GB LPDDR5
 - 512G PCIe SSD
 - BIOS: 1.0.1
 - 16" FHD+ 300nits Touch
 - 57 Whr
- Latitude 7640
Test Configuration 6:
 - Win11 SV2
 - Build 22621
 - i5-1350P
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 256G PCIe SSD
 - BIOS: 1.0.1
 - 16" FHD+ 250nits Non-Touch
 - 57 Whr



Latitude 7640 Battery Life

Test configurations:

- Latitude 7640
 - Test Configuration 7:
 - Win11 SV2
 - Build 22621
 - i7-1370P
 - Intel Iris Xe Graphics
 - 80 Exe. Units
 - 16GB LPDDR5
 - 512G PCIe SSD
 - BIOS: 1.0.1
 - 16" FHD+ 250nits Non-Touch
 - 57 Whr



Latitude 7640 Battery Life with Power Companion

- **Clamshell (i5-1335U, 8GB RAM, 256GB SSD, FHD+ Non-Touch 250nits and 57 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 17 hours and 23 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***
- **Clamshell (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 250nits and 38 Whr battery)**
 - **With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 11 hours and 54 minutes of battery life***
 - **With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 14 hours and 29 minutes of battery life***
 - **With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 11 hours and 54 minutes of battery life***

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7640 Battery Life with Power Companion

- Clamshell (i5-1345U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 250nits and 57 Whr battery)
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 14 hours and 56 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 14 hours and 56 minutes of battery life*
- Clamshell (i7-1365U, 16GB RAM, 256GB SSD, FHD+ Non-Touch 250nits and 57 Whr battery)
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 14 hours and 56 minutes of battery life*
 - With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 17 hours and 27 minutes of battery life*
 - With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 14 hours and 56 minutes of battery life*

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7640 Battery Life with Power Companion

- Clamshell (i7-1365U, 16GB RAM, 512GB SSD, FHD+ Touch 300nits and 57 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 18 hours and 18 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*
- Clamshell (i5-1350P, 16GB RAM, 256GB SSD, FHD+ Non-Touch 250nits and 57 Whr battery)
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 8 hours and 40 minutes of battery life*
 - With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 10 hours and 7 minutes of battery life*
 - With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 8 hours and 40 minutes of battery life*

*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



Latitude 7640 Battery Life with Power Companion

- Clamshell (i7-1370P, 16GB RAM, 512GB SSD, FHD+ Non-Touch 250nits and 57 Whr battery)
 - With Dell power Companion (12000mAh) PW7015M (sold separately),
Battery life: up to 9 hours and 41 minutes of battery life*
 - With Dell power Companion (18000mAh) PW7015L (sold separately),
Battery life: up to 11 hours and 19 minutes of battery life*
 - With Dell power Companion (12800mAh) PH45W17-CA (sold separately),
Battery life: up to 9 hours and 41 minutes of battery life*

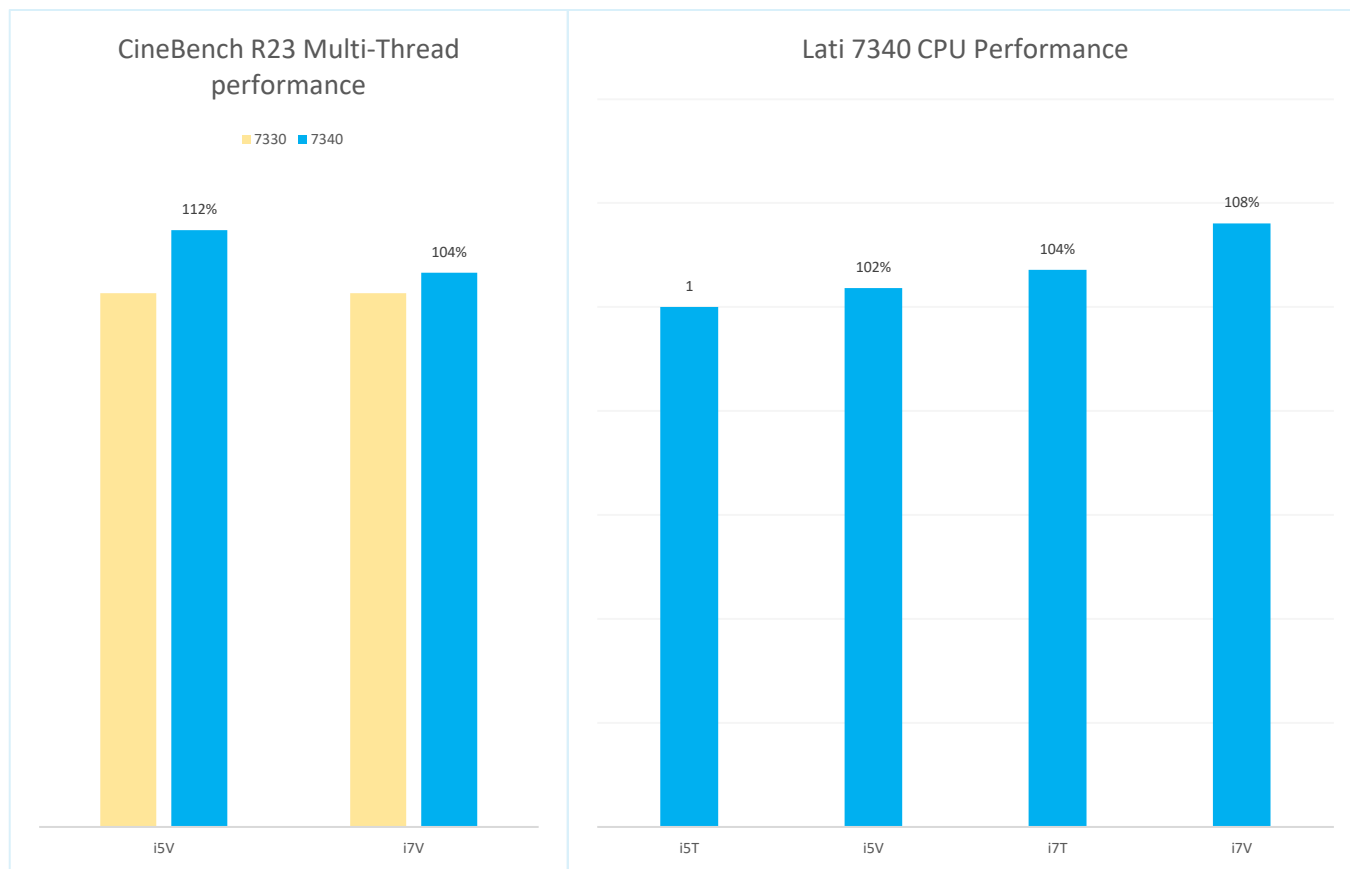
*Extended hour calculation estimate is based on system to Dell Hybrid Adapter + Power Bank battery capacity ratio and published MobileMark 2018 battery life results.



CPU Performance



Latitude 7340: Performance under heavy-sustain workload: CineBench R23

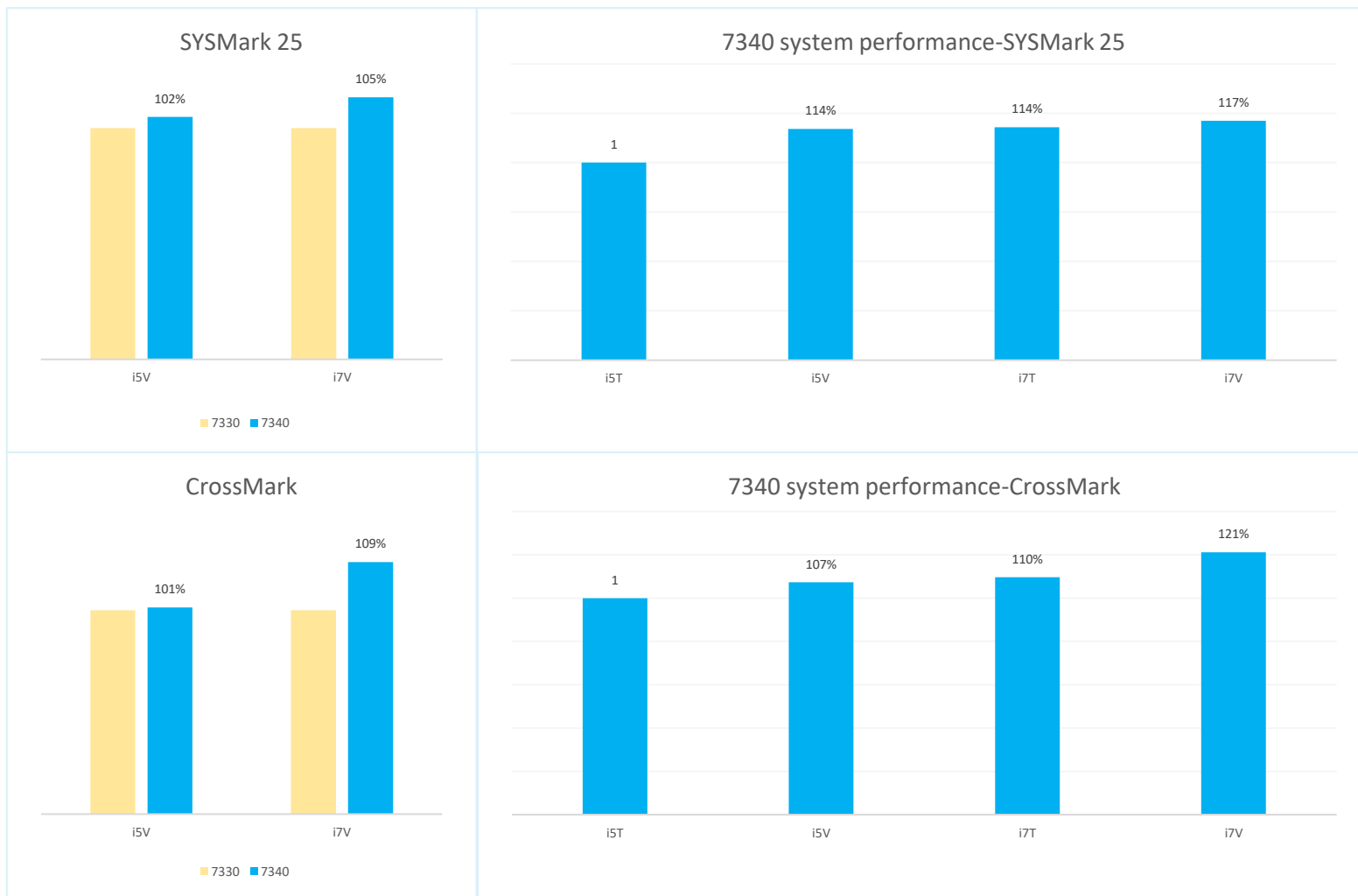


- CineBench measures system performance under heavy and sustained workload. The scores are often used as Chipset performance.
- Under heavy workload:
 - Latitude 7340 is **4~12%** higher than previous generation.
 - Intra-generation performance scale accordingly from low- to high-end SKUs.





Latitude 7340: Performance under commercial scenarios: SYSmark 25, CrossMark



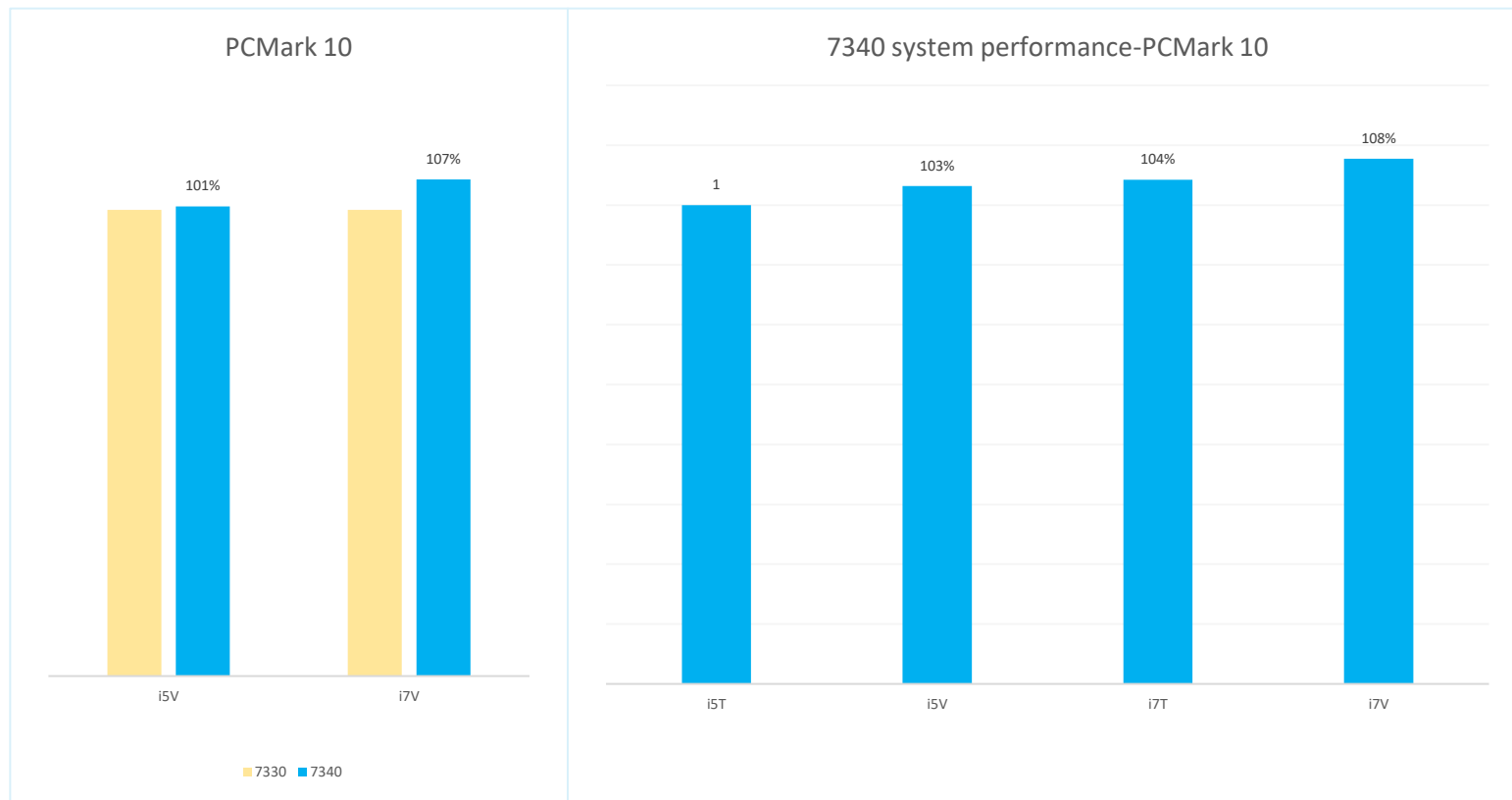
- SYSmark 25 is industry standard benchmark for measuring system performance when using commercial software (Microsoft Office, Adobe Acrobat, Photoshop, ... etc.).
- CrossMark is a new cross-OS benchmark that allow user to measure and compare system performance across Windows, iOS, and MacOS (support for other Operating Systems will be added in the future).
- Latitude 7340 Intra generation performance scale from low to high end SKUs accordingly.

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Latitude 7340: Performance under consumer scenarios: PCMark 10

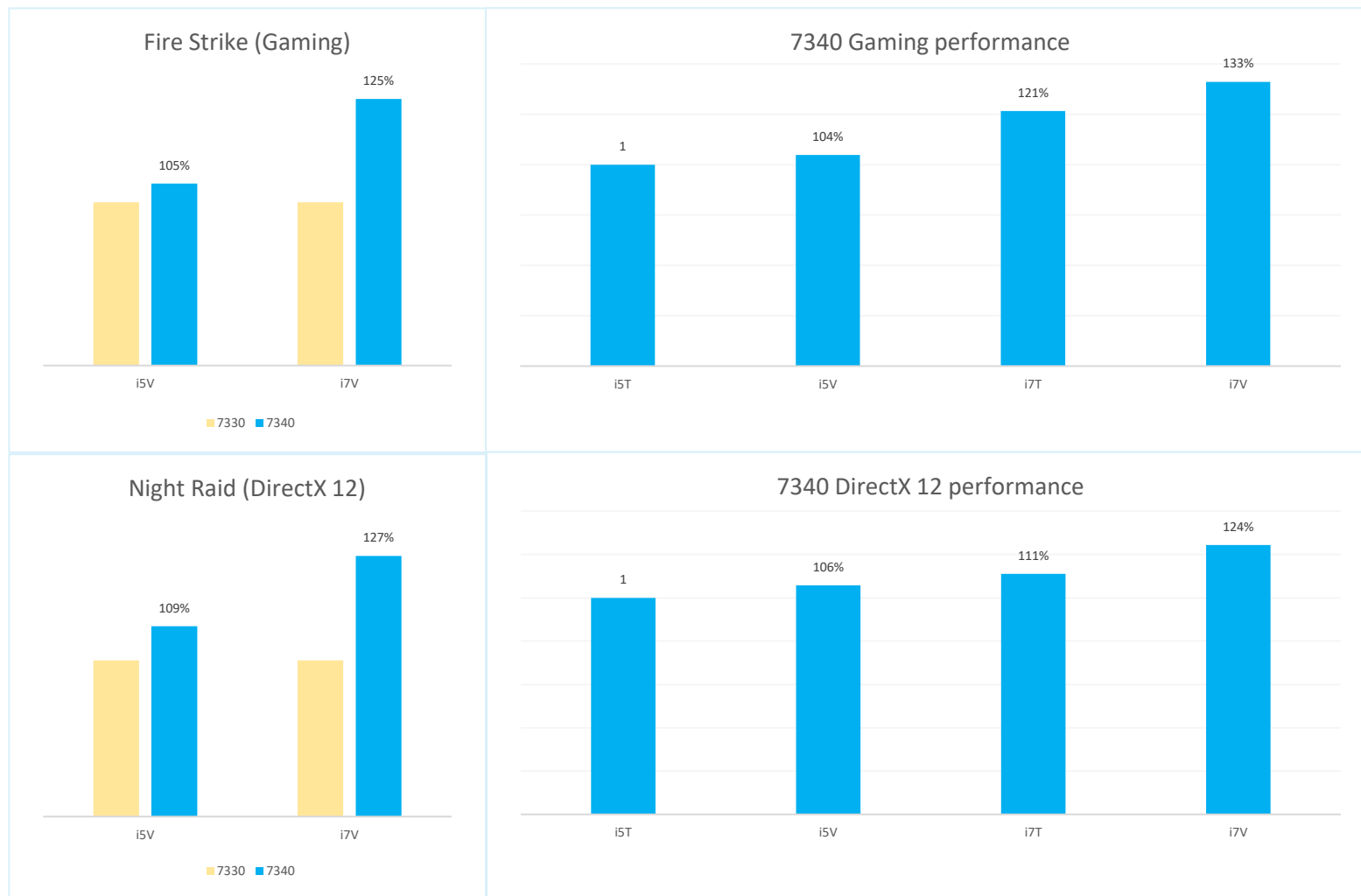


- PCMark 10 is a popular benchmark for measuring system performance under consumer scenarios (Essential, Productivity, Content Creation).
- Latitude 7340 Intra generation performance scale from low to high end SKUs accordingly.





Latitude 7340: Graphics Performance: 3DMark



- 3DMark is a widely recognized standard for graphics performance:
 - Fire Strike is a showcase DirectX 11 benchmark for modern gaming PCs.
 - Night Raid is a DirectX 12 benchmark for mobile computing devices with integrated graphics.
- Latitude 7340 Intra generation performance scale from low to high end SKUs accordingly.

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Latitude 7340: Test systems Overview:

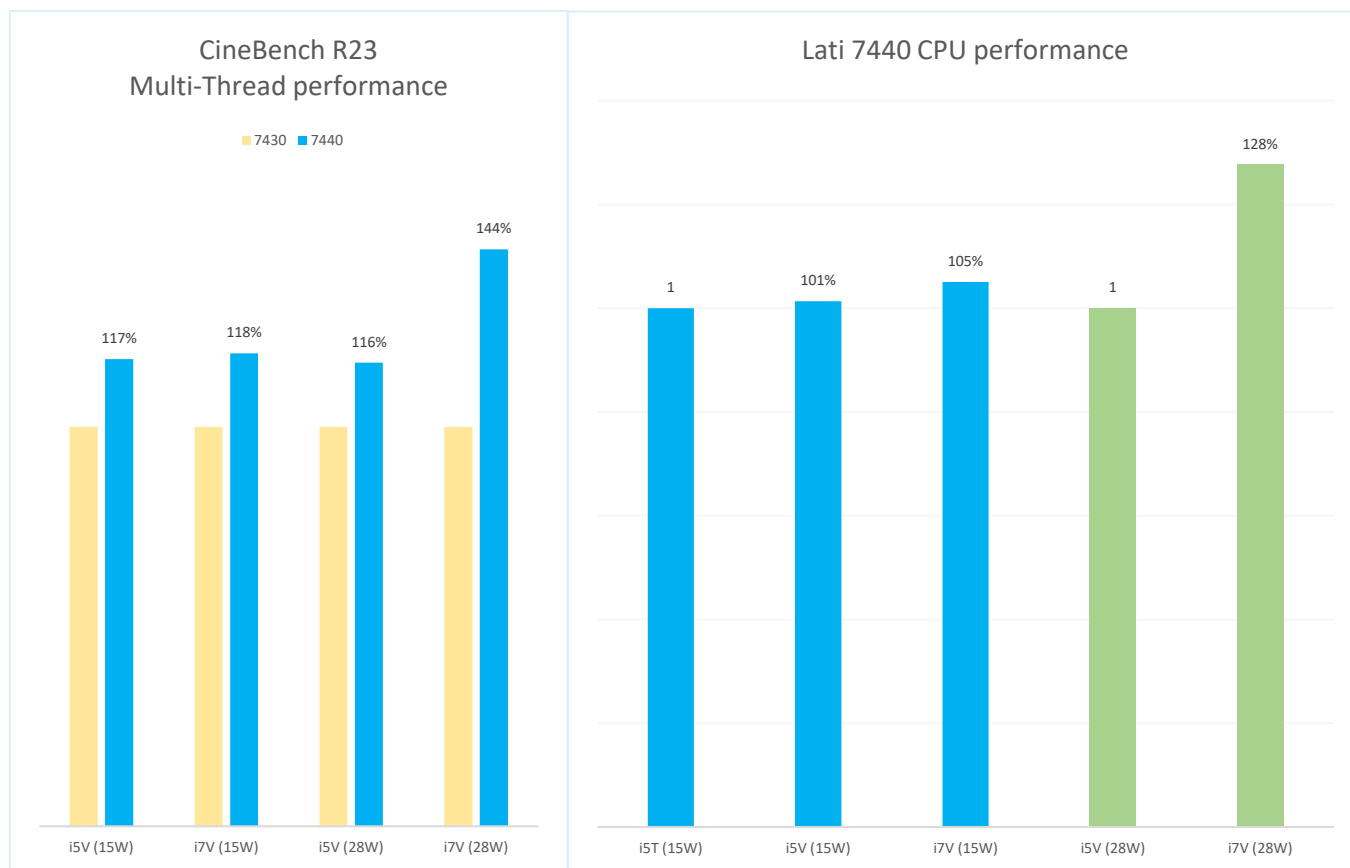
	i5T	i5V	i7T	i7V
OS	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621
BIOS	0.4.57	0.4.57	0.4.57	0.4.57
CPU	Intel i5-1335U	Intel i5-1345U	Intel i7-1355U	Intel i7-1365U
GFX	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
GFX Driver	31.0.101.4026	31.0.101.4026	31.0.101.4026	31.0.101.4026
RAM	LPDDR5-5200 8G	LPDDR5-5200 16G	LPDDR5-5200 16G	LPDDR5-5200 16G
Storage	256G PCIe SSD	512G PCIe SSD	512G PCIe SSD	512G PCIe SSD
Panel	13", FHD+	13", FHD+	13", FHD+	13", FHD+
battery	2 Cell, 38 WHr	3 Cell, 57 WHr	3 Cell, 57 WHr	3 Cell, 57 WHr

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Latitude 7440: Performance under heavy-sustain workload: CineBench R23

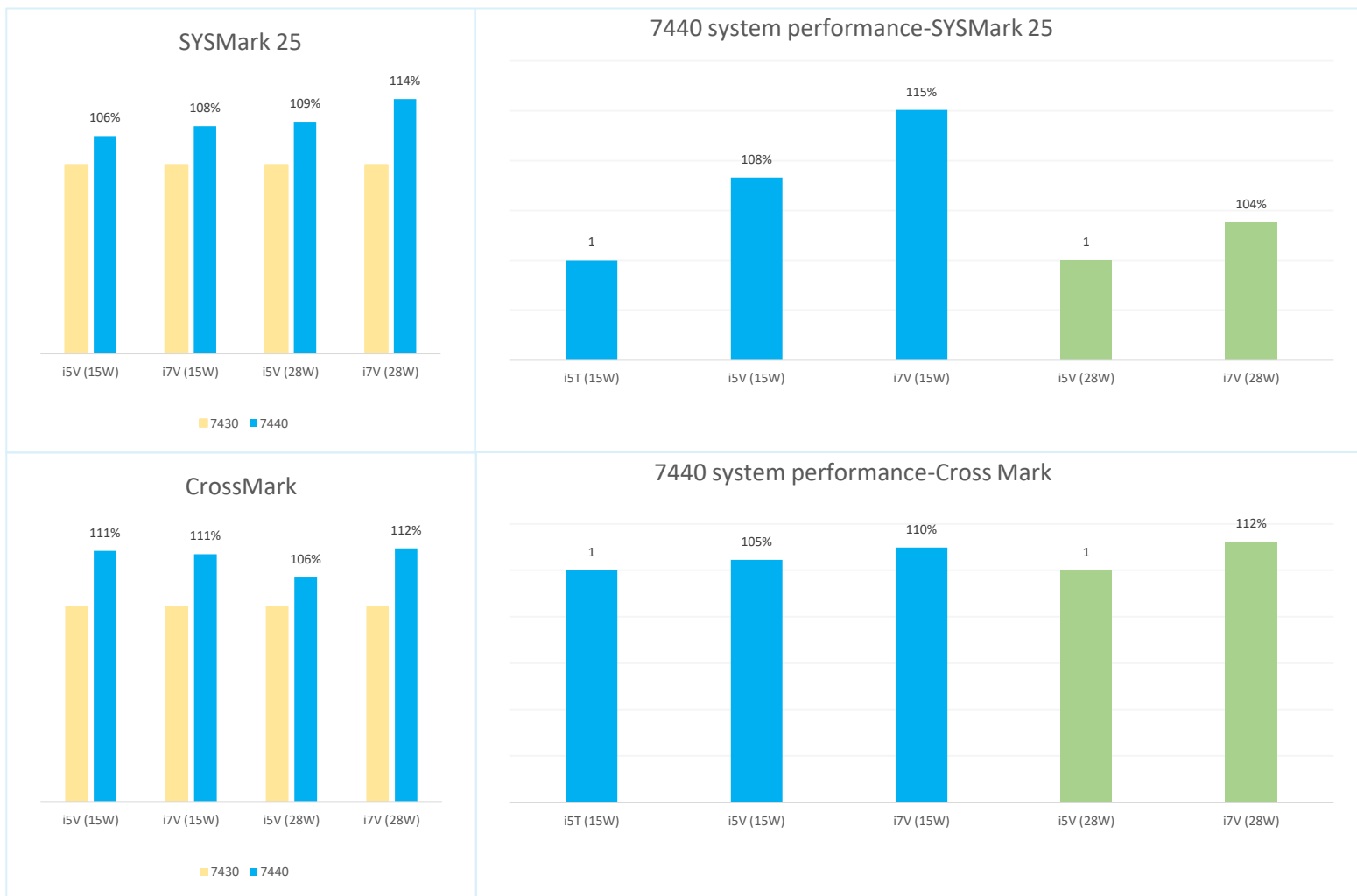


- CineBench measures system performance under heavy and sustained workload. The scores are often used as Chipset performance.
- Under heavy workload:
 - Latitude 7440 is **17~18%** higher than previous generation system with RPL U15W CPU.
 - Latitude 7440 is **16~44%** higher than previous generation system with RPL P28W CPU.





Latitude 7440: Performance under commercial scenarios: SYSmark 25, CrossMark



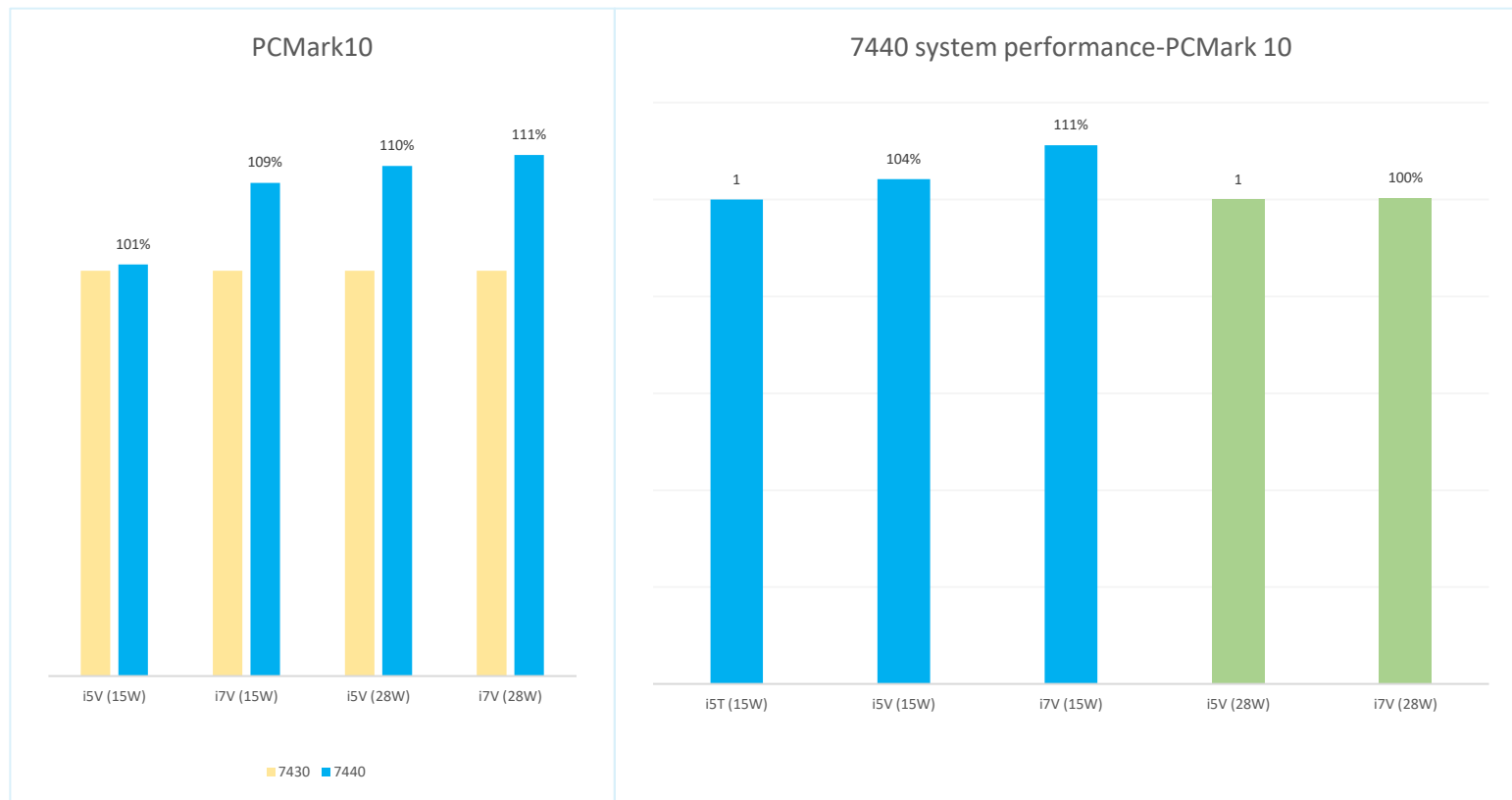
- SYSmark 25 is industry standard benchmark for measuring system performance when using commercial software (Microsoft Office, Adobe Acrobat, Photoshop, ... etc.).
- CrossMark is a new cross-OS benchmark that allow user to measure and compare system performance across Windows, iOS, and MacOS (support for other Operating Systems will be added in the future).
- Latitude 7440 Intra generation performance scale from low to high end SKUs accordingly.

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Latitude 7440: Performance under consumer scenarios: PCMark 10



- PCMark 10 is a popular benchmark for measuring system performance under consumer scenarios (Essential, Productivity, Content Creation).
- Latitude 7440 Intra generation performance scale from low to high end SKUs accordingly.





Latitude 7440: Graphics Performance: 3DMark



- 3DMark is a widely recognized standard for graphics performance:
 - Fire Strike is a showcase DirectX 11 benchmark for modern gaming PCs.
 - Night Raid is a DirectX 12 benchmark for mobile computing devices with integrated graphics.
- Latitude 7440 Intra generation performance scale from low to high end SKUs accordingly.

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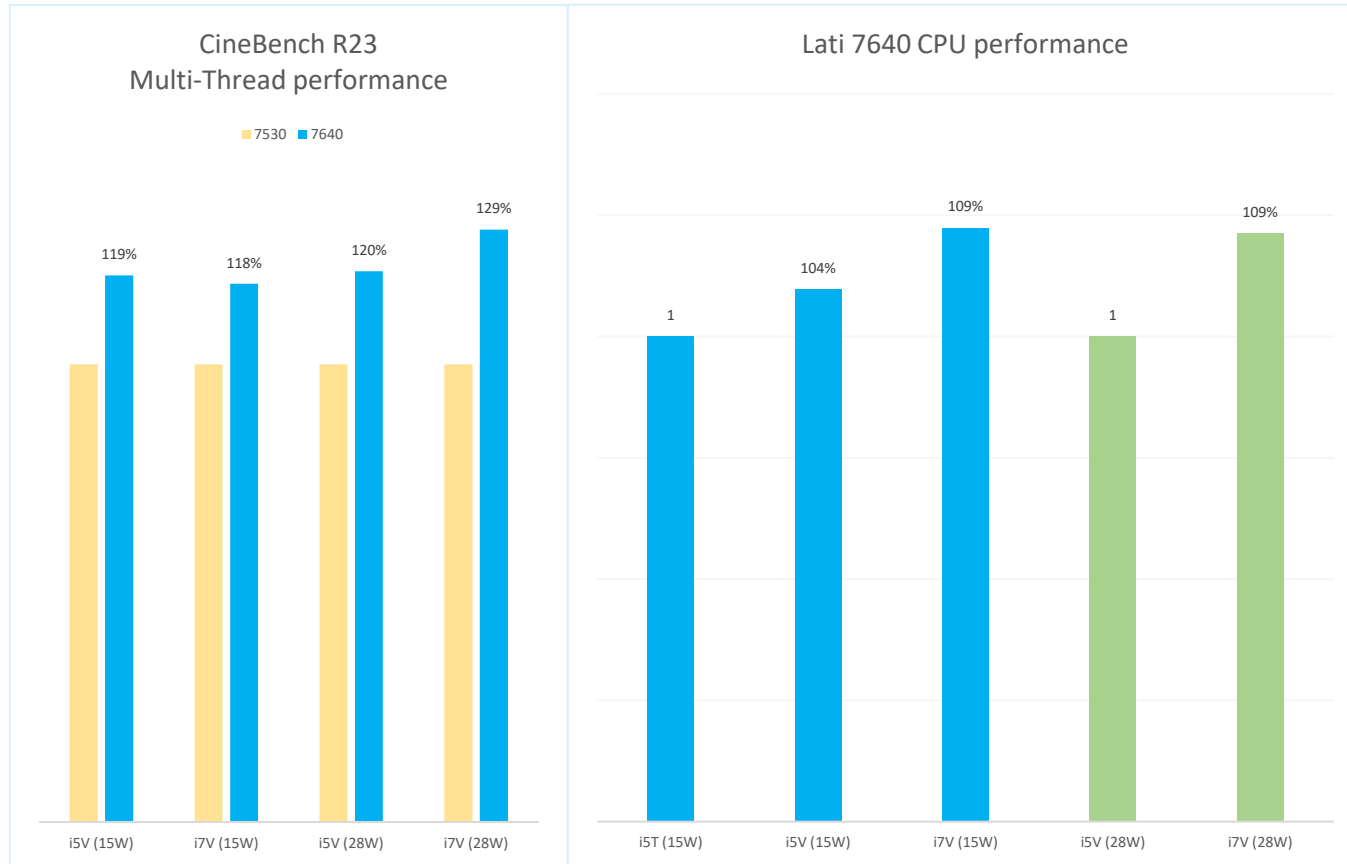
Latitude 7440: Test systems Overview:

	i5T (15W)	i5V (15W)	i7V (15W)	i5V (28W)	i7V (28W)
OS	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621
BIOS	0.6.55	0.6.55	0.6.55	0.6.55	0.6.55
CPU	Intel i5-1335U	Intel i5-1345U	Intel i7-1365U	Intel i5-1350P	Intel i7-1370P
GFX	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
GFX Driver	31.0.101.4026	31.0.101.4026	31.0.101.4026	31.0.101.4026	31.0.101.4026
RAM	LPDDR5-4800 8G	LPDDR5-4800 16G	LPDDR5-4800 16G	LPDDR5-4800 32G	LPDDR5-4800 32G
Storage	256G PCIe SSD	512G PCIe SSD	256G PCIe SSD	256G PCIe SSD	1T PCIe SSD
Panel	14", FHD	14", FHD	14", FHD	14", FHD	14", FHD
battery	2 Cell, 38 WHr	3 Cell, 57 WHr	3 Cell, 57 WHr	3 Cell, 57 WHr	3 Cell, 57 WHr

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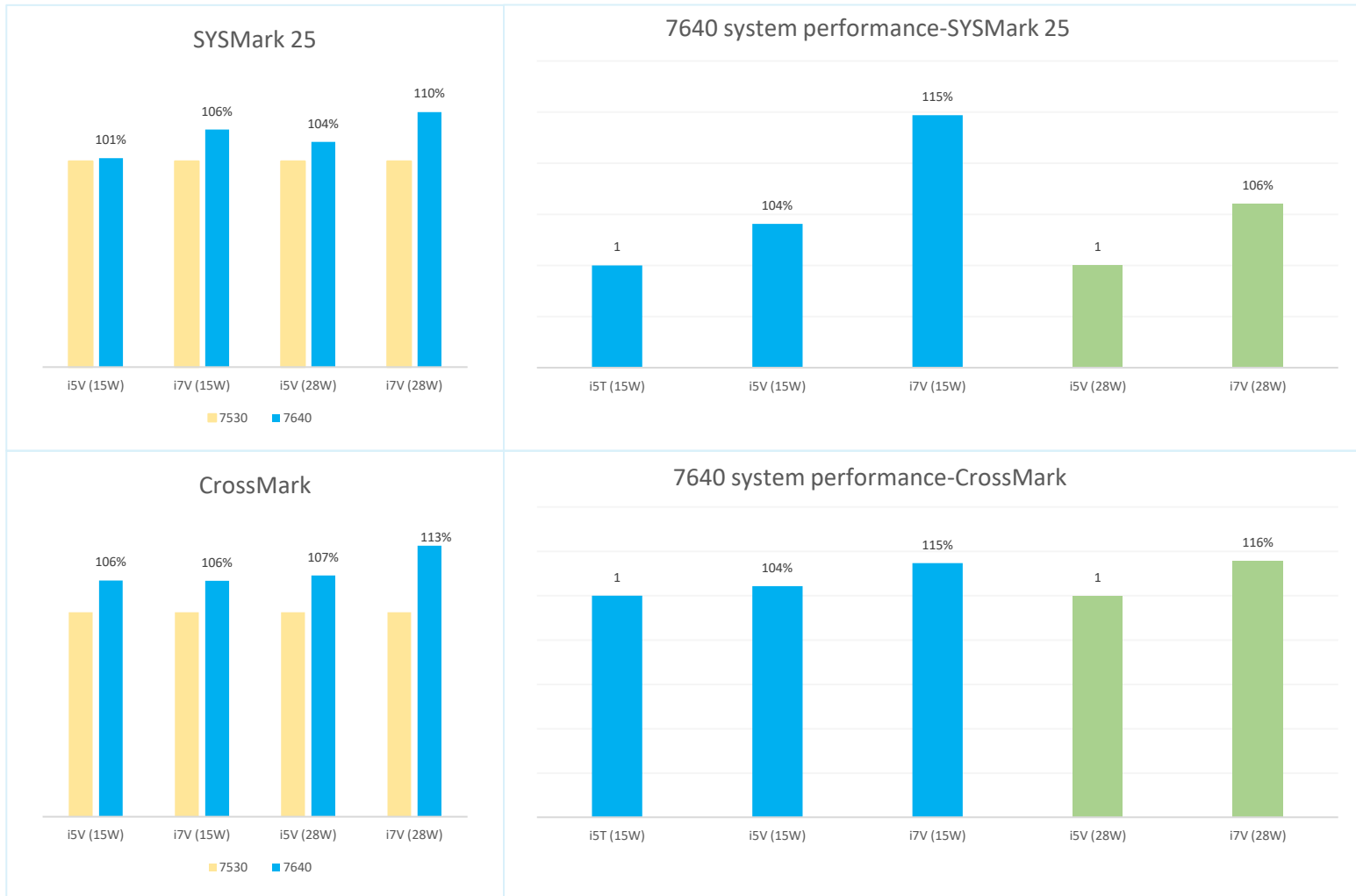
Latitude 7640: Performance under heavy-sustain workload: CineBench R23



- CineBench measures system performance under heavy and sustained workload. The scores are often used as Chipset performance.
- Under heavy workload:
 - Latitude 7640 is **18~19%** higher than previous generation with RPL U15W CPU.
 - Latitude 7640 is **20~29%** higher than previous generation with RPL P28W CPU.



Latitude 7640: Performance under commercial scenarios: SYSmark 25, CrossMark

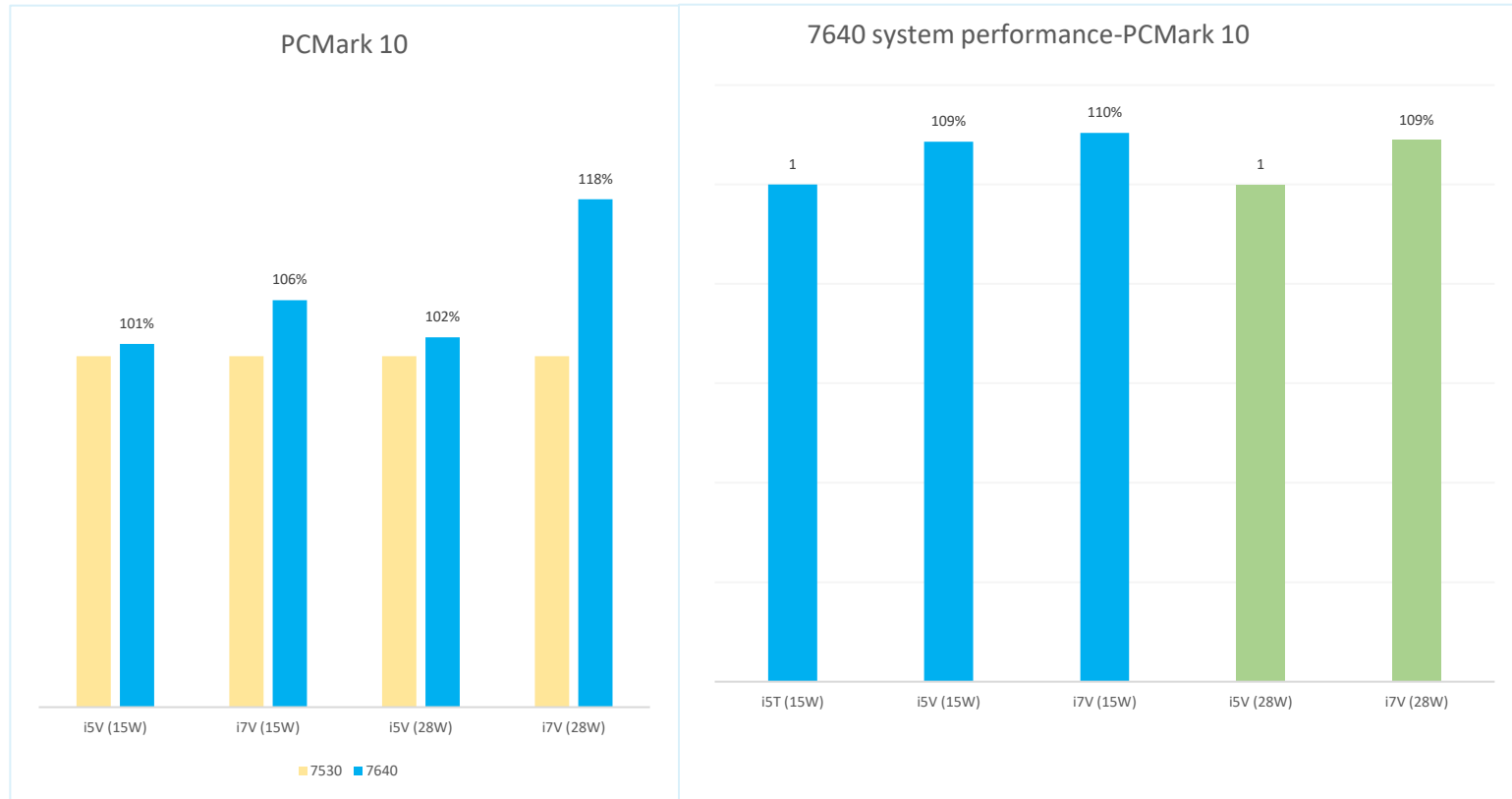


- SYSmark 25 is industry standard benchmark for measuring system performance when using commercial software (Microsoft Office, Adobe Acrobat, Photoshop, ... etc.).
- CrossMark is a new cross-OS benchmark that allow user to measure and compare system performance across Windows, iOS, and MacOS (support for other Operating Systems will be added in the future).
- Latitude 7640 Intra generation performance scale from low to high end SKUs accordingly.

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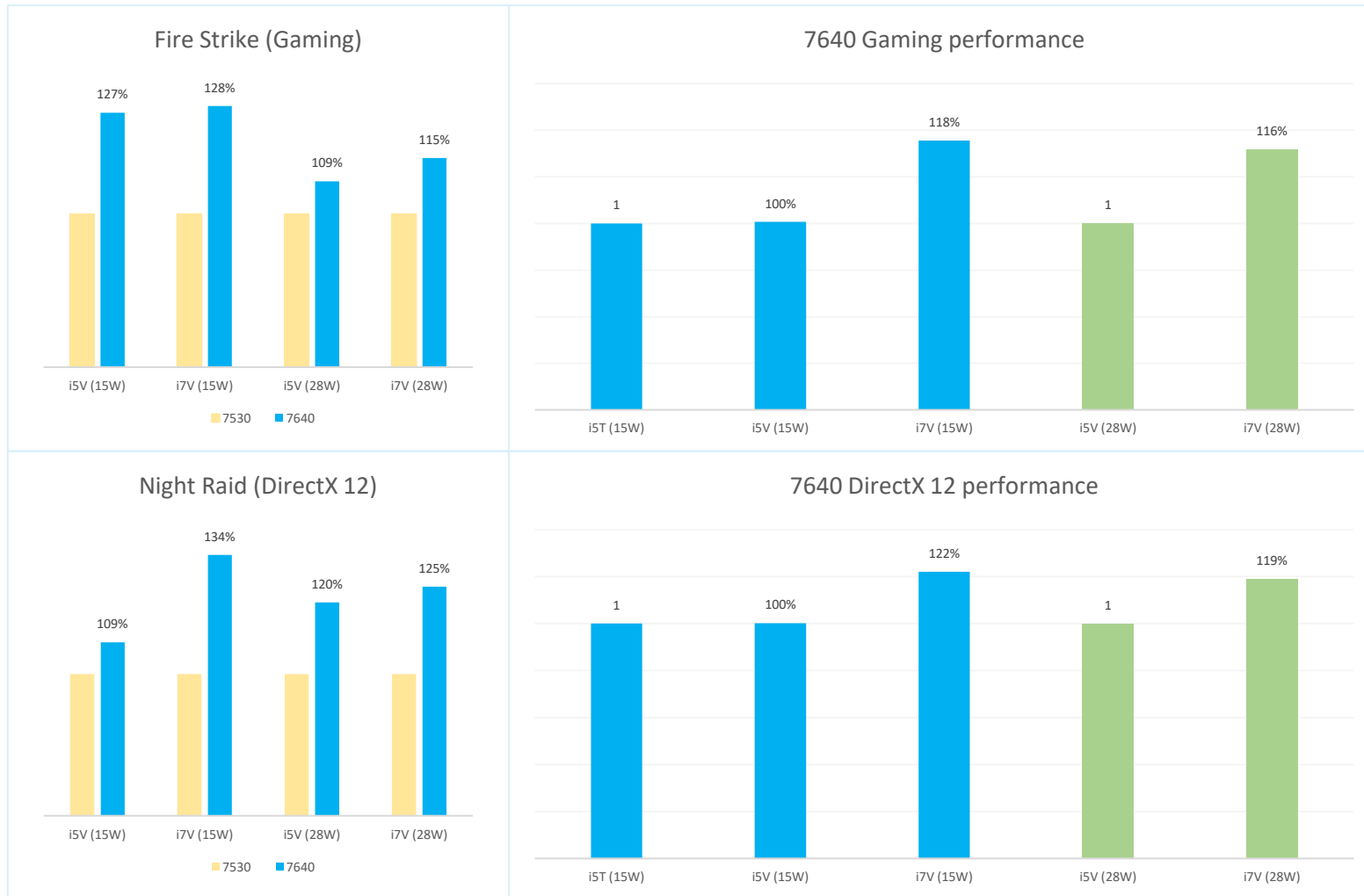


Latitude 7640: Performance under consumer scenarios: PCMark 10



- PCMark 10 is a popular benchmark for measuring system performance under consumer scenarios (Essential, Productivity, Content Creation).
- Latitude 7640 Intra generation performance scale from low to high end SKUs accordingly.

Latitude 7640: Graphics Performance: 3DMark



- 3DMark is a widely recognized standard for graphics performance:
 - Fire Strike is a showcase DirectX 11 benchmark for modern gaming PCs.
 - Night Raid is a DirectX 12 benchmark for mobile computing devices with integrated graphics.
- Latitude 7640 Intra generation performance scale from low to high end SKUs accordingly.

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Latitude 7640: Test systems Overview:

	i5T (15W)	i5V (15W)	i7V (15W)	i5V (28W)	i7V (28W)
OS	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621	Windows 11 22H2_22621
BIOS	0.6.55	0.6.55	0.6.55	0.6.55	0.6.55
CPU	Intel i5-1335U	Intel i5-1345U	Intel i7-1365U	Intel i5-1350P	Intel i7-1370P
GFX	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
GFX Driver	31.0.101.4026	31.0.101.4026	31.0.101.4026	31.0.101.4026	31.0.101.4026
RAM	LPDDR5-4800 8G	LPDDR5-4800 16G	LPDDR5-4800 32G	LPDDR5-4800 32G	LPDDR5-4800 32G
Storage	256G PCIe SSD	256G PCIe SSD	512G PCIe SSD	1T PCIe SSD	1T PCIe SSD
Panel	16", FHD	16", FHD	16", FHD	16", FHD	16", FHD
battery	2 Cell, 38 WHr	2 Cell, 38 WHr	3 Cell, 57 WHr	3 Cell, 57 WHr	3 Cell, 57 WHr

