PRODUCT CATALOGUE

Generation Next Communications Pvt. Ltd.

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PRODUCT I
DELL

1.1. Dell Monitors

A) Dell 22 Monitor - SE2219HX



Display Type
LED-backlit LCD monitor / TFT active matrix
Diagonal Size
55.88 cm (22)
Viewable Size
54.61 cm (21.5)
Panel Type
IPS
Aspect Ratio
16:9
Native Resolution
Full HD (1080p) 1920 x 1080 at 60 Hz
Pixel Pitch
0.24795 mm
Pixel Per Inch
102
Brightness
250 cd/m²
Contrast Ratio
1000:1

Colour Support
16.7 million colours
Response Time
8 ms (grey-to-grey normal); 5 ms (grey-to-grey fast)
Horizontal Viewing Angle
178
Vertical Viewing Angle
178
Screen Coating
3H Hard Coating, low haze
Backlight Technology
LED backlight
Features
72% (CIE 1931) colour gamut, LED edgelight system, Mercury free, arsenic-free glass, narrow-bezel design
Dimensions (WxDxH)
48.89 cm x 15.28 cm x 38.52 cm - with stand
Interfaces
VGA, HDMI (HDCP)

B) Dell 24 Monitor - P2419H



Display Type
LED-backlit LCD monitor / TFT active matrix
Diagonal Size
60.96cm (24)
Viewable Size
60.452cm (23.8)
Built-in Devices
USB 3.0 hub
Panel Type
IPS
Aspect Ratio
16:9
Native Resolution
Full HD (1080p) 1920 x 1080 at 60 Hz
Pixel Pitch
0.275 mm
Pixel Per Inch
92

Brightness
250 cd/m²
Contrast Ratio
1000:1
Colour Support
16.7 million colours
Response Time
8 ms (normal); 5 ms (fast)
Vertical Refresh Rate
50 - 76 Hz
Horizontal Refresh Rate
30 - 83 kHz
Horizontal Viewing Angle
178
Vertical Viewing Angle
178
Screen Coating
Anti-glare, 3H Hard Coating

Backlight Technology
LED backlight
OSD Languages
Chinese (simplified), Brazilian Portuguese, English, German, French, Russian, Spanish, Japanese
Features
72% (CIE 1931) colour gamut, LED edgelight system, Dell Custom Color, Flicker Free technology, BFR/PVC-free, Mercury free, Dell ComfortView, arsenic free
Dimensions (WxDxH)
53.78 m x 16.6 cm x 35.61 cm - with stand

Interfaces
VGA
HDMI
USB 3.0 upstream (Type B)

- 2 x USB 3.0 downstream (Type A)
- 2 x USB 2.0 downstream (Type A)

C) Dell 24 Monitor - S2419H





Display Type
LED-backlit LCD monitor / TFT active matrix
Diagonal Size
24"
Viewable Size
23.81"
Panel Type
IPS
Aspect Ratio
16:9
Native Resolution
Full HD (1080p) 1920 x 1080 at 60 Hz
Pixel Pitch
0.2745 mm
Pixel Per Inch
92
Brightness
250 cd/m²

Contrast Ratio
1000:1 / 8000000:1 (dynamic)
Colour Support
16.7 million colours
Response Time
5 ms (grey-to-grey)
Vertical Refresh Rate
56 - 76 Hz
Horizontal Refresh Rate
31 - 83 kHz
Horizontal Viewing Angle
178
Vertical Viewing Angle
178
Screen Coating
Anti-glare, 3H Hard Coating, low haze
Backlight Technology
LED backlight

Features
HDCP, 72% (CIE 1931) colour gamut, 84% (CIE 1976) colour gamut, 99% sRGB colour gamut, Flicker Free technology, BFR/PVC-free, Mercury free, arsenic-free glass, Infinity Edge display, Dell Comfort View

Dimensions (WxDxH)
53.9 cm x 15.28 cm x 41.34 cm - with stand
Interfaces
2 x HDMI (HDCP)
Audio line-out

Speakers - stereo

D) Dell 24 Monitor - SE2419H



Display Type
LED-backlit LCD monitor / TFT active matrix
Diagonal Size
24"
Viewable Size
23.81"
Panel Type
IPS
Aspect Ratio
16:9
Native Resolution
Full HD (1080p) 1920 x 1080 at 60 Hz
Pixel Pitch
0.2745 mm
Pixel Per Inch
92
Brightness
250 cd/m²
Contrast Ratio
1000:1

Colour Support
16.7 million colours
Response Time
8 ms (grey-to-grey normal); 5 ms (grey-to-grey fast)
Horizontal Viewing Angle
178
Vertical Viewing Angle
178
Screen Coating
3H Hard Coating, low haze
Backlight Technology
LED backlight

Features
72% (CIE 1931) colour gamut, LED edgelight system, Mercury free, arsenic-free glass, arsenic free, 3-sided narrow bezels

Dimensions (WxDxH)
56.94 cm x 15.28 cm x 41.36 cm - with stand

Interfaces
HDMI (HDCP)
VGA

Features
Security lock slot (cable lock sold separately), LED indicator, VESA interface support

Cables Included
1 x VGA cable

Compliant Standards
RoHS, BFR, HDCP 1.4, PVC-free
Security Slot Type
Kensington security slot

E) Dell 27 Monitor - S2719H



Display Type
LED-backlit LCD monitor / TFT active matrix
Energy Class
Class A+
Energy Consumption per Year
32 kWh
Power Consumption (On mode)
22 W
Diagonal Size
27"
Viewable Size
27"
Panel Type
IPS
Aspect Ratio
16:9
Native Resolution
Full HD (1080p) 1920 x 1080 at 60 Hz
Interfaces
2 x HDMI (HDCP)
Audio line-out

Pixel Pitch
0.3114 mm
Pixel Per Inch
81
Brightness
250 cd/m²
Contrast Ratio
1000:1 / 8000000:1 (dynamic)
Colour Support
16.7 million colours
Response Time
5 ms (grey-to-grey)
Vertical Refresh Rate
56 - 76 Hz
Horizontal Refresh Rate
31 - 83 kHz
Horizontal Viewing Angle
178
Vertical Viewing Angle
178
Screen Coating
Low haze with 3H hardness

Backlight Technology
LED edge light system
Features
HDCP, 72% (CIE 1931) colour gamut, 84% (CIE 1976) colour gamut, 99% sRGB colour gamut, Flicker Free technology, BFR/PVC-free, Mercury free, arsenic-free glass, LED light bar system, Infinity Edge display, Dell Easy Arrange, Dell ComfortView
Dimensions (WxDxH)
61.27 cm x 18.71 cm x 45.46 cm - with stand
Weight
5.17 kg

Audio
Speakers - stereo

Output Power / Channel
5 Watt

F) Dell 27 Monitor – SE2719H



Display Type
LED-backlit LCD monitor / TFT active matrix
Diagonal Size
68.5cm (27)
Viewable Size
68.5cm (27)
Panel Type
IPS
Aspect Ratio
16:9
Native Resolution
Full HD (1080p) 1920 x 1080 at 60 Hz
Pixel Pitch
0.3114

Interfaces
VGA
HDMI (HDCP)
Pixel Per Inch
81
Brightness
300 cd/m²
Contrast Ratio
1000:1
Colour Support
16.7 million colours
Response Time
8 ms (grey-to-grey normal); 5 ms (grey-to-grey fast)
Horizontal Viewing Angle
178

Vertical Viewing Angle
178
Screen Coating
3H Hard Coating, low haze
Backlight Technology
LED backlight
Features
72% (CIE 1931) colour gamut, LED edgelight system, Mercury free, arsenic-free glass, Dell Easy Arrange, narrow-bezel design
Dimensions (WxDxH)
61.15 cm x 18.68 cm x 45.42 cm - with stand

G) Dell 18.5 Monitor - E1916H



Color:
Black
Diagonally Viewable Size:
18.51 inches
Aspect Ratio:
Widescreen (16:9)
Panel Type, Surface:
TN
Optimal resolution:
1366 x 768 at 60 Hz
Preset Display Area (H x V):
94417.92 sq-mm (146.35 sq-inches)
Contrast Ratio:
600:1 (typical)
Brightness:
200 cd/m^2 (typical)

Response Time:
5 ms typical (Black to White)
Viewing Angle:
65° vertical / 90° horizontal
Adjustability:
Tilt
Color Support:
16.7 million colors
Pixel Pitch:
0.30 x 0.30 mm
Backlight Technology:
WLED
Display Type:
Widescreen Panel Display
Display Screen Coating:
Anti-Glare with 3H hardness
Audio Output:
No

1.2. Dell Consumer Series Laptops

1) **Inspiron - 14-3481**



Processor	7th Generation Intel® Core™ i3-7020U Processor (3MB Cache, 2.30 GHz)
Storage	1TB 5400 rpm 2.5" SATA Hard Drive
RAM	4GB, 4Gx1, DDR4, 2666MHz
Display	14.0-inch HD (1366 x 768) Anti-Glare LED-Backlit Non-touch Display
Graphics	Intel® HD graphics 620 with shared graphics memory
Optical Drive	DVD/RW
Network	"RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth
Keyboard Standard	full size spill-resistant keyboard
Operating System	Ubuntu
Warranty	1 Years

2) Inspiron 15 – 3581



Processor	7th Generation Intel® Core™ i3-7020U Processor (3MB Cache, 2.30 GHz)
Storage	1TB 5400 rpm 2.5" SATA Hard Drive
RAM	4GB, 4Gx1, DDR4, 2133MHz
Display	15.6-inch HD (1366 x 768) Anti-Glare LED-Backlit Non-touch Display
Graphics	Intel® HD graphics 620 with shared graphics memory
Optical Drive	DVD/RW
Network	"RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth
Keyboard	Standard full size spill-resistant keyboard
Operating System	Ubuntu
Warranty	1 Years

3) Inspiron 15 3580 (Black/Silver)







Processor	7th Generation Intel® Core™ i3-7020U Processor (3MB Cache, 2.30 GHz)
Storage	1TB 5400 rpm 2.5" SATA Hard Drive
RAM	4GB, 4Gx1, DDR4, 2133MHz
Display	15.6-inch HD (1366 x 768) Anti-Glare LED-Backlit Non-touch Display
Graphics	Intel® HD graphics 620 with shared graphics memory
Optical Drive	DVD/RW
Network	"RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth"
Keyboard	Standard full size spill-resistant keyboard
Operating System	Ubuntu
Warranty	1 Years

4) Inspiron 14 3493 (BLACK/ SILVER)



Processor	10th Generation Intel® Core™ i5-1035G1U Processor (6MB Cache, up to 3.6GHz)
Storage	1TB 5400 rpm 2.5" SATA Hard Drive
RAM	4GB, 4GBx1, DDR4, 2666MHz
Display	14.0-inch HD (1920 x 1080) Anti-Glare LED Backlit Non-touch IPS Display
Graphics	Nvidia MX 230 2GB GDDR5
Optical Drive	No ODD
Network	"RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth”
Keyboard	Standard full size spill-resistant keyboard
Operating System	Windows 10
Warranty	1 Years

5) Inspiron 15 3593 (i5/i7)(Graphic/non Graphic) (Silver/Black)







Processor	10th Generation Intel® Core™ i5-1035G1 Processor (6MB Cache, up to 3.6 GHz)
Storage	1TB 5400 rpm 2.5" SATA Hard Drive
RAM	4GB, 4GBx1, DDR4, 2666MHz
Display	15.6-inch FHD (1920 x 1080) Anti-Glare LED Backlit Non-touch IPS Display
Graphics	Intel® HD graphics 620 with shared graphics memory **Or with Graphics Nvidia MX 230 2GB GDDR5**
Optical Drive	No ODD
Network	"RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth"
Keyboard	Standard full size spill-resistant keyboard
Operating System	Windows 10
Warranty	1 Years
Backpack	NO

Also comes in

Inspiron 15 3593 – (Silver/ Black)

Processor	i7-1065G7U
RAM	8GB
Storage	1TB
Optical Drive	NO ODD
Network	WIFI/BT
Operating System	Windows 10
Graphics	Nvidia MX 230 2GB GDDR5
Display	15.6-inch FHD (1920 x 1080) Anti-Glare LED Backlit Non-touch IPS Display
ESSENTIAL BACKPACK	**Yes**

6) Inspiron 3576 (Graphic/Non Graphic)







Processor	8th Generation Intel® Core™ i5-8250U Processor (6MB Cache, up to 3.9 GHz)
RAM	4GB,2400MHz DDR4 Memory
Hard Disk	1TB 5400 rpm HDD
Graphics	Radeon 2 GB Dedicated Graphic Card
Display	15.6 inch HD (1386 x 768) HD LED
Wireless	802.11ac 1x1 Wi-Fi and Bluetooth
Keyboard	English International Non-backlit Keyboard
O/S	DOS (Windows 10 in non graphic)
Warranty	1 Years

7) Inspiron 3476





Processor	8th Generation Intel® Core™ i5-8265U Processor (6MB Cache, up to 3.9GHz)
Storage	1TB 5400 rpm 2.5" SATA Hard Drive
RAM	4GB, 4Gx1, DDR4, 2400MHz
Display	14.0-inch HD (1366 x 768) Anti-Glare LED-Backlit Display
Graphics	AMD Radeon™ 520 Graphics with 2GB GDDR5
Optical Drive	"Yes , Tray load DVD Drive (Reads and Writes to DVD/CD)"
Network	RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth
Keyboard	English Non Backlit Keyboard
Operating System	Geniune Windows 10
Warranty	1 Years

8) Inspiron 3580 (Black/Blue)









Processor	8th Generation Intel® Core™ i5-8265U Processor (6MB Cache, up to 3.9GHz)
Storage	1TB 5400 rpm 2.5" SATA Hard Drive
RAM	4GB, 4Gx1, DDR4, 2400MHz
Display	15.6-inch FHD (1920 x 1080) Anti-Glare LED-Backlit Non-touch Display
Graphics	AMD Radeon™ 520 Graphics with 2G GDDR5 graphics memory
Optical Drive	No ODD
Network	"RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth”
Keyboard	Standard full size spill-resistant keyboard
Operating System	Ubuntu
Warranty	1 Years

9) Inspiron 13 5391 (i5/i7)



Processor	10th Generation Intel® Core™ i5-10210U Processor (6MB Cache, up to 4.2 GHz)
RAM	8 GB, LPDDR3, 2133 MHz, Integrated
Storage	512GB M.2 PCIe NVMe Solid State Drive
Display	13.3-inch FHD (1920 x 1080) TrueLife LED Backlight Non-touch Narrow Border WVA Display
Graphics	Nvidia MX 250 2GB
Optical Disk	No ODD
Network	802.11ac 1x1 WiFi and Bluetooth
Keyboard	Full-size, spill-resistant keyboard Optional backlit full-size, spill-resistant keyboard Multi-touch gesture-enabled precision touchpad with integrated scrolling
Operating System	Windows 10
Backpack	Essential Sleeve pouch
Warranty	1 year Warranty

Also Available in

Processor	10th Generation Intel® Core™ i7-10510U Processor (8MB Cache, up to 4.9 GHz)
RAM	8 GB, LPDDR3, 2133 MHz, Integrated
Storage	512GB M.2 PCIe NVMe Solid State Drive
Display	13.3-inch FHD (1920 x 1080) TrueLife LED Backlight Non-touch Narrow Border WVA Display
Graphics	Nvidia MX 250 2GB
Optical Disk	No ODD
Network	802.11ac 1x1 WiFi and Bluetooth
Keyboard	Full-size, spill-resistant keyboard Optional backlit full-size, spill-resistant keyboard Multi-touch gesture-enabled precision touchpad with integrated scrolling
Operating System	Windows 10
Backpack	Essential Backpack
Warranty	1 Year

10) Inspiron 14 5491 (non graphic/ Graphic) i5 /i7 (silver)



Processor	i5-10210U
RAM	8GB
Storage	256GB SSD
Display	14.0”, Full HD touch (1920 x 1080), IPS
Graphics	INTEL UHD GRAPHICS (ALSO comes in Nvidia MX 230 2GB)
Optical Disk	No ODD
Network	Bluetooth / wifi
Keyboard	BACKLIT KB + FPR
Operating System	Windows 10 Home
Backpack	Essential backpack and ACTIVE PEN
Warranty	1 year

I7 variant	
Processor	i7-10510U
RAM	8GB
Storage	256GB SSD
Display	14.0”, Full HD touch (1920 x 1080), IPS
Graphics	INTEL UHD GRAPHICS (ALSO comes in Nvidia MX 230 2GB)
Optical Disk	NO
Network	Bluetooth / wifi
Keyboard	BACKLIT KB + FPR
Operating System	Windows 10 Home
Backpack	Essential backpack and ACTIVE PEN
Warranty	1 Year

11) Inspiron 14 5490





Processor	i5-10210U / i7-10510U
RAM	8GB
Storage	256GB SSD / 512GB SSD (in i7)
Display	14.0-inch FHD (1920 x 1080) Anti-glare LED Backlit Non-touch Narrow Border WVA Display
Graphics	Nvidia MX 230 2GB GDDR5
Optical Disk	No
Network	Bluetooth / wifi
Keyboard	BACKLIT KB + FPR
Operating System	Windows 10
Backpack	Essential backpack
Warranty	1 year

12) Inspiron 15 5593



Processor	i5-1035G1U / i7-1065G7
RAM	8GB
Storage	256GB SSD / 512 SSD(in i7)
Display	15.6-inch FHD (1920 x 1080) Anti-glare LED Backlight Non-touch Narrow Border WVA Display
Graphics	NVIDIA® GeForce® MX230 with 2GB GDDR5 graphics memory / 4GB in i7
Optical Disk	No ODD
Network	802.11ac 1x1 WiFi & BT 4.1
Keyboard	Optional backlit, Standard full size spill-resistant keyboard; 10-key numeric keypad
Operating System	Windows 10
Backpack	Essential Backpack
Warranty	1 Year

13) Inspiron 13 7380



Processor	Core i7-8565U (Intel Core i7)
Storage	512 GB SSD
RAM	16 GB DDR4 RAM
Display	13.3 inch FHD 16:9, 1920 x 1080 pixel 166 PPI, LG Philips LGD05DD / Dell 133WF4, IPS, glossy: yes
Graphics	Intel UHD Graphics 620, Core: 300-1150 MHz, Dual channel, 25.20.100.6373
Optical Drive	No ODD
Network	"802.11ac + Bluetooth 4.2, Dual Band 2.4 & 5 GHz, 1x1”
Keyboard	Backlit Keyboard FPR
Operating System	WIN 10 HOME
Warranty	1 Years

14) Dell G3 3590 (2 variants)





Processor	9th Generation Intel Core i5-9300H
Storage	256GB M.2 PCIe NVMe Solid State Drive
RAM	8GB,4Gx1 + 4G onboard, DDR4, 2666MHz
Display	15.6-in FHD (1920X1080)Anti-glare LED Backlit Non-touch Narrow Border WVA
Graphics	NVIDIA GeForce GTX 1050 3 GB GDDR5
Optical Drive	No ODD
Network	"802.11ac + Bluetooth 4.2, Dual Band 2.4 & 5 GHz, 1x1”
Keyboard	Blue Blacklit Keyboard
Operating System	Win 10 HOME
Warranty	1 Years

VARIATION II

Storage	1TB HDD, 128GB M.2 PCIe NVMe Solid State Drive
RAM	4 GB DDR4 at 2666 MHz (1 x 4 GB)

15) Dell G7 15 7590



Processor	9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores)
RAM	16GB, 2x8GB, DDR4, 2666MHz
Hard Disk	512GB Solid State Drive
Graphics	NVIDIA® GeForce RTX™ 2070 8GB GDDR6 with Max-Q Design
Display	15.6 inch FHD (1920 x 1080) IPS 240Hz Display
Wireless	Killer Wireless 1550 2x2 AC and Bluetooth 5.0
Keyboard	English 4-Zone RGB Backlit Keyboard Battery60 WHr, 4-Cell Battery (integrated)
O/S	Windows 10 Home, 64-bit, English
Carrying Case	Dell Gaming Bagpack
Warranty	1 Years Rapid Parts Exchange Service

1.3 Dell Business Series

1) Dell Latitude 3400







Processor	8th Generation Intel® Core™ i5-8265U Processor (6MB Cache,1.6GHz,15W)
RAM	4GB, 1x4GB, DDR4 Non-ECC
HDD	1TB 5200rpm SATA Hard Drive
Wireless	Qualcomm QCA9377 802.11ac Dual Band (1x1) Wireless Adapter+ Bluetooth 4.1
Battery	3 Cell 42Whr Express Charge TM Capable Battery
Display	14" HD (1366 x 768) Anti-Glare Non-Touch, Camera & Microphone, WLAN Capable
Keyboard	Single Pointing Non-backlit Keyboard (English
Graphics	Intel UHD Graphics
Bagpack	Dell Bagpack
O/S	DOS
Warranty	3 Year SADMG Rapid Parts Exchange Service

2) Dell Latitude 3410 - [AL3410]]







Processor	"10th Generation Intel Core i5-10310U (4 Core, 6M cache, base 1.6GHz, up to 4.4GHz)"
Storage	M.2 256GB PCIe NVMe Class 35 Solid State Drive
RAM	8GB,1x8GB, DDR4 Non-ECC
Display	14" FHD (1920x 1080) Anti-Glare Non-Touch, Camera & Microphone, WLAN capable
Graphics	Intel® UHD Graphics
Optical Drive	No Drive
Network	Qualcomm(R) QCA61x4A 802.11ac Dual Band (2x2) Wireless Adapter, Bluetooth 4.2
Keyboard	Non-backlight keyboard
Operating System	Free DOS
Warranty	3 year SDMAG warranty

3) Dell Latitude 3500



Processor	8th Generation Intel® Core™ i5-8265U Processor (6MB Cache,1.6GHz,15W)
RAM	4GB, 1x4GB, DDR4 Non-ECC
HDD	1TB 5200rpm SATA Hard Drive
Wireless	Qualcomm QCA9377 802.11ac Dual Band (1x1) Wireless Adapter+ Bluetooth 4.1
Battery	3 Cell 42Whr Express Charge TM Capable Battery
Display	15.6" HD (1366 x 768) Anti-Glare Non-Touch, Camera & Microphone, WLAN Capable
Keyboard	Single Pointing Non-backlit Keyboard (English
Graphics	Intel UHD Graphics
Bagpack	Dell Bagpack
O/S	DOS
Warranty	3 Year SADMG Rapid Parts Exchange Service

4) Dell Latitude 5300





Processor	"8th Generation Intel® Core™ i5-8265U Processor (4 Core,6MB Cache,1.6GHz,15W)
Storage	M.2 256GB PCIe NVMe Class 35 Solid State Drive
RAM	8GB, 1x8GB, DDR4 Non-ECC
Display	13.3" FHD WVA (1920 x 1080)Anti-Glare Non-Touch,Super Low Power,Camera & Microphone,WLAN/WWAN Capable
Graphics	Intel® Core™ i5-8265U Processor with Integrated Intel® UHD 620 Graphic
Optical Drive	"No Removable CD/DVD Drive”
Network	RJ-45 10/100 802.11ac 1x1 WiFi and Bluetooth
Keyboard	"Single Pointing US English Keyboard with Backlight”
Operating System	Free DOS English, French, Spanish
Warranty	3year
Battery	3 Cell

5) Dell Latitude 5400



Processor	8th Generation Intel® Core™ i5-8665U Processor
Storage	M.2 256GB PCIe NVMe Class 35 Solid State Drive
RAM	8GB, 1x8GB, DDR4 Non-ECC
Display	14" FHD WVA (1920 x 1080) Anti-Glare Non-Touch
Graphics	Integrated Intel UHD 620 Graphics
Optical Drive	"No Removable CD/DVD Drive
Network	Intel Dual Band Wireless AC 9560 (802.11ac) 2x2, Bluetooth 5.0
Bag Pack	YES
Keyboard	"Single Pointing US English Keyboard with Backlight"
Operating System	Free DOS
Warranty	3year
Battery	3 Cell

Another variant in 256GB SSD instead of 1TB HDD

6) Latitude 5410 CTO Base [Dell Latitude 5410 - [AL5410]]







Processor	"10th Generation Intel Core i5-10310U (4 Core, 6M cache, base 1.7GHz, up to 4.4GHz, vPro"
Storage	M.2 256GB PCIe NVMe Class 40 2280 Solid State Drive
RAM	8GB,1x8GB, DDR4 Non-ECC
Display	14" FHD WVA (1920 x 1080) Anti-Glare Non-Touch, 220nits
Graphics	Intel UHD Graphics 620 with Display port
Optical Drive	No Drive
Network	Qualcomm(R) QCA61x4A 802.11ac Dual Band (2x2) Wireless Adapter, Bluetooth 4.2
Keyboard	Non-backlight keyboard
Operating System	Windows 10 Pro
Warranty	1 year

7) Dell Latitude 7390



Processor	Intel® Core™ i5-8250U (Quad Core, 6M Cache, 1.6GHz,15W
RAM	8GB (1x8GB) 2400MHz DDR4 Memory
HDD	256GB M.2 2280 SSD
Wireless	Intel Dual-Band Wireless-AC 8265 Wi-Fi + BT 4.2 Wireless Card
Display	13.3" Non-Touch Anti-Glare FHD (1920 x 1080)
Keyboard	Single Pointing Non-backlit Keyboard (English
Graphics	Intel® HD Graphics 620 with Displayport over USB Type-C
Bagpack	Dell Bagpack
O/S	Free DOS
Warranty	3 Year SADMG Rapid Parts Exchange Service

8) Dell Vostro 5370



Processor	Intel® Core™ i5-8250U (6M Cache, upto 3.4 GHz)
RAM	4GB (1x4GB) 2400MHz DDR4 Memory Non -ECC
HDD	256GB M.2 2280 SSD
Wireless	802.11ac + Bluetooth 4.2, Dual Band 2.4&5 GHz,1x1
Display	13.3" Non-Touch Anti-Glare FHD (1920 x 1080) LED Backlit Display
Keyboard	Internal US International Qwerty Keyboard - Backlight
Graphics	Intel® HD Graphics 620
Bagpack	Dell Essential Bagpack 15
O/S	UBUNTU
Battery	38WHr , 3-Cell Battery (Integrated)
Warranty	1 year Rapid Parts Exchange Service

9) Dell Vostro 5471





Processor	Intel® Core™ i5-8250U (6M Cache, upto 3.4 GHz)
RAM	4GB (1x4GB) 2400MHz DDR4 Memory Non -ECC
HDD	1TB 5400 rpm SATA Hard Drive
Wireless	802.11ac + Bluetooth 4.2, Dual Band 2.4&5 GHz,1x1 Silver LCD Cover with Finger Print Reader
Display	14" Non-Touch Anti-Glare FHD (1920 x 1080) LED Backlit Display
Keyboard	Internal US International Qwerty Keyboard - Backlight
Graphics	Intel® HD Graphics 620 with
Bagpack	Dell Essential Bag pack 15
O/S	UBUNTU
Battery	42WHr, 3-Cell Battery (Integrated)
Warranty	3 year Rapid Parts Exchange Service

10) Dell Vostro 5490



Processor	10th Gen. i5-10210U Processor
RAM	8GB, 2x4GB, DDR4, 2666MHz
HDD	256GB M.2 PCIe NVMe SSD
Display	14.0-inch FHD (1920 x 1080) Anti-glare LED Backlight Non-touch Narrow Border WVA Display/Plamrest With FPP
Keyboard	Internal Backlit Keyboard
Graphics	Intel® HD Graphics 620 with
Bagpack	Dell Essential Bag pack 15
O/S	UBUNTU
Warranty	3 year Rapid Parts Exchange Service

1.4 Dell XPS Series

1) XPS 13 7300



Processor	10th Generation Intel(R) Core(TM) i7-10510U Processor (8MB Cache, up to 4.9 GHz, 4 cores)
RAM	16GB LPDDR3 2133MHz
Hard Disk	512GB M.2 PCIe NVMe Solid State Drive
Graphics	Intel(R) UHD Graphics
Adaptor	45W Type-C Power Adapter
Display	13.3" 4K Ultra HD (3840 x 2160) InfinityEdge Touch Display
O/S	Windows 10 Home Plus Single Language English
Warranty	1year SADMG Rapid Parts Exchange Service
Bagpack	Premiere Sleeve Pouch

2) **XPS 15 9570 : (i5/i7)**



Processor	i5-10210U
RAM	8GB, 2x4GB, DDR4, 2666MHz
HDD	256GB M.2 PCIe NVMe SSD
Display	13.3” FHD IPS infinity edge Display
Keyboard	Internal Backlit Keyboard +FPR
Graphics	Intel® HD Graphics 620 with
Bagpack	Premier Sleeve pouch
O/S	WIN 10 HOME
Warranty	1 year Rapid Parts Exchange Service

3) **XPS 13 7390 –**

Processor	**| i7-10510U|**
RAM	**16GB**
Storage	**|512GB SSD|**
Display	**13.3” UHD Touch Infinity EDGE DISPLAY**

1.5 Dell Desktop

1) Vostro 3671 Mini Tower



VARIANTS

- **i3** : 9th Gen. i3-9100/Ubuntu Linux 18.04/4GB (1X4GB) Single Channel, DDR4/Intel® UHD Graphics 630 with shared graphics memory/Dell Wireless 1707 Card (802.11BGN + Bluetooth 4.0)/3.5" 1TB 7200 RPM/Tray load DVD Drive/Keyboard+Mouse/1 Yrs RPE/Dell Monitor E1916HV 18.5"/McAfee eCard 15 Month Subscription

- **i5** : 9th Gen. i5-9400/Ubuntu Linux 18.04/4GB (1X4GB) Single Channel, DDR4/Intel® UHD Graphics 630 with shared graphics memory/Dell Wireless 1707 Card (802.11BGN + Bluetooth 4.0)/3.5" 1TB 7200 RPM/Tray load DVD Drive/Keyboard+Mouse/1 yr RPE/Dell Monitor E1916HV 18.5"/McAfee eCard 15 Month Subscription

- **i7** : 9th Gen. i7-9700/Ubuntu Linux 18.04/8GB (1X8GB) Single Channel, DDR4/Intel® UHD Graphics 630 with shared graphics memory/Dell Wireless 1707 Card (802.11BGN + Bluetooth 4.0)/3.5" 1TB 7200 RPM/Tray load DVD Drive/Keyboard+Mouse/1 yr RPE/Dell Monitor E1916HV 18.5"/McAfee eCard 15 Month Subscription

2) Vostro 3471 Small Form Factor





VARIANTS

- **Pentium** : 9th Gen. Intel® Pentium™ 5420/Ubuntu Linux 18.04/4GB (1X4GB) Single Channel, DDR4/Intel® UHD Graphics 610 with shared graphics memory/Dell Wireless 1707 Card (802.11BGN + Bluetooth 4.0)/3.5" 1TB 7200 RPM/Tray load DVD Drive/Keyboard+Mouse/1 yr RPE/Dell Monitor E1916HV 18.5"/McAfee eCard 15 Month Subscription

- **i3** : 9th Gen. i3-9100/Ubuntu Linux 18.04/4GB (1X4GB) Single Channel, DDR4/Intel® UHD Graphics 630 with shared graphics memory/Dell Wireless 1707 Card (802.11BGN + Bluetooth 4.0)/3.5" 1TB 7200 RPM/Tray load DVD Drive/Keyboard+Mouse/1 Yrs RPE/Dell Monitor E1916HV 18.5"/McAfee eCard 15 Month Subscription

- **i5** : 9th Gen. i5-9400/Ubuntu Linux 18.04/4GB (1X4GB) Single Channel, DDR4/Intel® UHD Graphics 630 with shared graphics memory/Dell Wireless 1707 Card (802.11BGN + Bluetooth 4.0)/3.5" 1TB 7200 RPM/Tray load DVD Drive/Keyboard+Mouse/1 yr RPE/Dell Monitor E1916HV 18.5"/McAfee eCard 15 Month Subscription

3) OptiPlex 3070 Mini Tower



VARIANTS

- **i3** : 9th i3-9100/UBT/4GB (1X4GB) 2666MHz/3.5 inch 1TB 7200rpm SATA/Intel® Integrated Graphics/DVDRW/Dell Monitor E1916H 18.5"/Mouse+Keyboard/1 Yrs RPE

- **i5** : 9th i5-9500/UBT/4GB (1X4GB) 2666MHz/3.5 inch 1TB 7200rpm SATA/Intel® Integrated Graphics/DVDRW/Dell Monitor E1916H 18.5"/Mouse+Keyboard/1 Yrs RPE

4) OptiPlex 5070 Mini Tower



9th i7-9700/UBT/8GB (1X8GB) 2666MHz/3.5 inch 1TB 7200rpm SATA/Intel® Integrated Graphics/DVDRW/Dell Monitor E1916H 18.5"/Mouse+Keyboard/3 Yrs RPE

5) **OptiPlex 7070 Mini Tower**



9th i7-9700/UBT/8GB (1X8GB) 2666MHz/3.5 inch 1TB 7200rpm SATA/AMD Radeon™ RX 550, 4GB/DVDRW/Dell Monitor E1916H 18.5"/Mouse+Keyboard/3 Yrs RPE

6) **OptiPlex 7070 Ultra**



8th i5-8265U/UBT/8GB (1X8GB) 2666MHz/500GB SATA/ Intel Intergrated Graphic /No DVDRW/WIFI+Bluetooth 4.2 / KM636 Wireless Mouse+Keyboard/ OptiPlex Ultra Fixed Stand /3 Yrs RPE /No Monitor

7) OptiPlex 5270 AIO (ALL IN ONE)



Intel Core™ i5-9500/UBT/ 8GB 1X8GB 2666MHz DDR4 Non-ECC / 2.5 inch 1TB 7200rpm Hard Disk Drive /Int. Graphics /5270 AIO 21.5" FHD 1920x1080 IPS Non-Touch Anti-Glare, Camera/Integrated Graphic/Basic Stand / WiFI/No DVDRW /Dell KM636 Wireless Keyboard & Mouse Black (English) /3Yr RPE

8) OptiPlex 7470 AIO



VARIANT

- Intel Core™ i5-9500 (6 Cores/9MB/6T/3.0GHz to 4.4Ghz/65W); supports Windows 10/Linux / 8GB 1X8GB 2666MHz DDR4 Non-ECC / 2.5 inch **1TB 7200rpm Hard Disk Drive** /Int. Graphics / 7470 AIO 23.8" FHD 1920x1080 IPS Non-Touch Anti-Glare, Camera, Integrated Graphics, Bronze PSU, Basic Stand / Intel Wireless-AC9560 Dual-band 2x2 802.11ac Wireless with MU-MIMO + Bluetooth 5 /UBT /Dell KM636 Wireless Keyboard & Mouse Black (English) /None /3Yr RPE

- Intel Core™ i5-9500 (6 Cores/9MB/6T/3.0GHz to 4.4Ghz/65W); supports Windows 10/Linux / 8GB 1X8GB 2666MHz DDR4 Non-ECC / **M.2 256GB PCIe NVMe** /Int. Graphics / 7470 AIO 23.8" FHD 1920x1080 IPS Non-Touch Anti-Glare, Camera, Integrated Graphics, Bronze PSU, Basic Stand / Intel Wireless-AC9560 Dual-band 2x2 802.11ac Wireless with MU-MIMO + Bluetooth 5 /UBT /Dell KM636 Wireless Keyboard & Mouse Black (English) /None /3Yr RPE

Product II

HP

2.1. HP Consumer Laptops

1) (4JQ35PA) HP 14-ck0002TU (Silver)



Processor	Intel Celeron N4000 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 2 cores)
Storage	500 GB 5400 rpm SATA
RAM	4 GB DDR4-2133 SDRAM (1 x 4 GB)
Display	14" diagonal HD SVA BrightView WLED-backlit (1366 x 768)
Graphics	Intel® UHD Graphics 600
Optical Drive	No ODD
Network	Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

2) (4QM46PA) HP 14-ck0083TU (Silver)



Processor	**Intel® Core™ i3-7020U (2.3 GHz, 3 MB cache, 2 cores)**
Storage	**1 TB 5400 rpm SATA**
RAM	**4 GB DDR4-2133 SDRAM (1 x 4 GB)**
Display	**14" diagonal HD SVA BrightView WLED-backlit (1366 x 768)**
Graphics	**Intel® HD Graphics 620**
Optical	**Drive No ODD**
Network	**Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo**
Keyboard	**Full-size island-style keyboard**
Operating System	**Win 10 Home**
Warranty	**1 Years**

3) (14BS732T) HP 14-14BS732T



Processor	**Intel® Core™ i3-7020U (2.3 GHz, 3 MB cache, 2 cores)**
Storage	**1 TB 5400 rpm SATA**
RAM	**4 GB DDR4-2133 SDRAM (1 x 4 GB)**
Display	**14" diagonal HD SVA BrightView WLED-backlit (1366 x 768)**
Graphics	**Intel® HD Graphics 520**
Optical Drive	**DVD-Writer**
Network	**"Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo**
Keyboard	**Full-size island-style keyboard**
Operating System	**Win 10 Home**
Warranty	**1 Years**

4) (7WP07PA) HP 14-ck1016TU



Processor	**Intel® Core™ i5-8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)**
Storage	**1 TB 5400 rpm SATA**
RAM	**4 GB DDR4-2133 SDRAM (1 x 4 GB)**
Display	**14" diagonal HD SVA BrightView WLED-backlit (1366 x 768)**
Graphics	**Intel® HD Graphics 620**
Optical Drive	**No ODD**
Network	**"Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo**
Keyboard	**Full-size island-style keyboard**
Operating System	**Win 10 Home**
Warranty	**1 Years**

5) (4KL97PA) HP 15-da0026tu







Processor	**Intel® Core™ i5-8250U (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)**
Storage	**1 TB 5400 rpm SATA**
RAM	**4 GB DDR4-2400 SDRAM (1 x 4 GB)**
Display	**15.6" diagonal HD SVA BrightView micro-edge WLED-backlit (1366 x 768)**
Graphics	**Intel® UHD Graphics 620**
Optical Drive	**DVD Writer**
Network	**Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo**
Keyboard	**Full-size island-style keyboard with numeric keypad**
Operating System	**Windows 10 Home Single Language 64**
Warranty	**1 Year**

6) (4KL99PA) HP 15-da0027tu







Processor	Intel® Core™ i5-8250U (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Display	15.6" diagonal HD SVA BrightView micro-edge WLED-backlit (1366 x 768)
Graphics	Intel® UHD Graphics 620
Optical Drive	DVD-Writer
Network	Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard with numeric keypad
Operating System	Windows 10 Home Single Language 64
Warranty	1 Year

7) (7WN69PA) HP 15-da1075TU



Processor	Intel® Core™ i5-8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	4 GB DDR4-2133 SDRAM (1 x 4 GB)
Display	15.6" diagonal HD SVA BrightView micro-edge WLED-backlit (1366 x 768)
Graphics	Intel® UHD Graphics 620
Optical Drive	DVD-Writer
Network	Realtek RTL8821CE 802.11b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

8) (7CS31PA) HP 14-ck1015TX





Processor	**Intel® Core™ i5 8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)**
Storage	**1 TB 5400 rpm SATA**
RAM	**4 GB DDR4-2400 SDRAM (1 x 4 GB)**
Display	**14" diagonal HD SVA BrightView WLED-backlit (1366 x 768)**
Graphics	**AMD Radeon™ 520 Graphics (2 GB GDDR5 dedicated)**
Optical Drive	**No ODD**
Network	**Realtek 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo**
Keyboard	**Full-size island-style keyboard**
Operating System	**Win 10 Home**
Warranty	**1 Years**

9) (7CS41PA) HP 15-da1069TX







Processor	Intel® Core™ i5-8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Display	15.6" diagonal HD SVA BrightView micro-edge WLED-backlit (1366 x 768)
Graphics	NVIDIA Geforce MX 110 2GB
Optical Drive	NO - ODD
Network	Realtek RTL8821CE 802.11b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

10 (7CS36PA) HP 14-ck1016TX







Processor	Intel® Core™ i7 8565U (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Display	14" diagonal HD SVA BrightView WLED-backlit (1366 x 768)
Graphics	AMD Radeon™ 520 Graphics (2 GB GDDR5 dedicated)
Optical Drive	No ODD
Network	Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

11) (7CS97PA) HP 15-da1070TX



Processor	Intel® Core™ i7-8565U (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Display	15.6" diagonal HD SVA BrightView micro-edge WLED-backlit (1366 x 768)
Graphics	NVIDIA Geforce MX 130 2GB
Optical Drive	DVD-Writer
Network	Realtek RTL8821CE 802.11b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

2.2 HP Pavilion Series

1) (7CE20PA) HP 15-cu0006tu







Processor	Intel® Core™ i5-8250U (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Display	15.6" diagonal FHD SVA anti-glare WLED-backlit (1920 x 1080)
Graphics	Intel® UHD Graphics 620
Optical Drive	DVD-Writer
Network	Intel® Wireless-AC 3168 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard with numeric keypad
Operating System	Windows 10 Home Single Language 64
Warranty	1 Year

2) (7VH93PA) HP Pavillion X360-14-dh0141TU







Processor	Intel® Core™ i5-8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Display	14" diagonal HD SVA anti-glare micro-edge WLED-backlit touch screen (1366 x 768)
Graphics	Intel UHD Graphics 620
Optical Drive	No ODD
Network	Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

3) (7VJ01PA) HP Pavillion X360 14-dh0107TX







Processor	Intel® Core™ i5-8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	1 TB 5400 rpm SATA
RAM	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Display	14" diagonal HD SVA anti-glare micro-edge WLED-backlit touch screen (1366 x 768)
Graphics	NVIDIA® GeForce® MX130 (2 GB GDDR5 dedicated)
Optical Drive	No ODD
Network	Intel® 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

2.3 HP ENVY Series

1) (7CE14PA) HP ENVY 13-aq0028TU



Processor	Intel® Core™ i5 8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	256 GB PCIe® NVMe™ M.2 SSD
RAM	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Display	13.3" diagonal FHD IPS BrightView micro-edge WLED-backlit touch screen (1920 x 1080)
Graphics	Intel® UHD Graphics 620
Optical Drive	No ODD
Network	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home
Warranty	1 Years

2) (7CE12PA) HP ENVY 13-aq0035TX



Processor	Intel® Core™ i5-8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	256 GB PCIe® NVMe™ M.2 SSD
RAM	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Display	13.3" diagonal FHD IPS BrightView micro-edge WLED-backlit multitouch-enabled edge-to-edge glass with Corning® Gorilla® Glass NBT™ (1920 x 1080)
Graphics	NVIDIA® GeForce® MX250
Optical Drive	No ODD
Network	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home Plus
Warranty	1 Years

2.4 HP Spectre Series

1) (7CE20PA) HP Spectre x360 Convertible 13-ap0147TU







Processor	Intel® Core™ i5 8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	256 GB PCIe® NVMe™ M.2 SSD
RAM	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Display	HP Sure View Integrated Privacy Screen 13.3" diagonal FHD IPS micro-edge WLED-backlit touch screen with Corning® Gorilla® Glass NBT™ (1920 x 1080)
Graphics	Intel® UHD Graphics 620
Optical Drive	No ODD
Network	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home Plus
Warranty	1 Years

2) (7CE25PA) HP Spectre x360 Convertible 13-ap0149TU



Processor	Intel® Core™ i5 8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Storage	512 GB PCIe® NVMe™ M.2 SSD
RAM	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Display	HP Sure View Integrated Privacy Screen 13.3" diagonal FHD IPS micro-edge WLED-backlit touch screen with Corning® Gorilla® Glass NBT™ (1920 x 1080)
Graphics	Intel® Iris® Plus Graphics
Optical Drive	No ODD
Network	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo
Keyboard	Full-size island-style keyboard
Operating System	Win 10 Home Plus
Warranty	1 Years

2.5. HP Monitor

A) (V5E94AA) HP V194 18.5 “



Display Size	18.5"
Display Type	LED
Aspect Ratio	16:09
Brightness	250 cd/m?
Input Terminal	1 VGA
Recommended Resolution	HD (1366 x 768 @ 60 Hz)
Contrast Ratio	600:1 static, 5000000:1 dynamic
Response Time	5 ms (on/off)
Power Source	AC/DC Adapter 17 W (maximum)
Weight	2.60 kg (with stand)
Warranty	1 year

2.6. HP Printers

1) (G3Q58A) HP LASERJET PRO MFP M130NW



Printing Technology	Laser - monochrome
Display	2 lines
Office Machine Features	Instant-on Technology, HP Auto-On/Auto-Off Technology
Recommended Monthly Volume	150 - 1500 pages
Wireless Ready	Yes
Mobile Printing Capability	Apple AirPrint, Google Cloud Print 2.0, HP ePrint, Mopria Print Service, wireless direct printing
Max Copying Speed	Up to 23 ppm
Max Copying Resolution	Up to 600 x 400 dpi
Max Copying Speed B/W	23 ppm
Max Copying Resolution B/W	600 x 400 dpi
Max Document Enlargement	400 %
Max Document Reduction	25 %
Maximum Copies	99
Consumables Included	1 x cartridge (black) - up to 700 pages 1 x drum - up to 12000 pages

2) (G3Q59A) HP LASERJET PRO MFP M130FN



Function	Print, copy, scan, fax
Multitasking supported	Yes
First page out black (A4, ready)	As fast as 7.3 sec
First page out black (A4, sleep)	As fast as 8.1 sec
Print speed black (ISO, A4) Normal:	Up to 22 ppm
First page out (ready)Black:	As fast as 7.3 sec
First page out (sleep)Black:	As fast as 8.1 sec
First Copy Out	As fast as 7.3 sec
First copy out (sleep)	As fast as 8.9 sec
Duty cycle (monthly, A4)	Up to 10,000 pages [1]
Recommended monthly page volume	150 to 1500 [2]
Print technology	Laser
Display	2-line LCD
Processor speed	600 MHz
Memory, maximum	256 MB
Internal Storage	No
Paper handling input, standard	150-sheet input tray
Paper handling output, standard	100-sheet output tray
Maximum output capacity (sheets)	Up to 100 sheets
Duplex printing	Manual duplex

3) (G3Q60A) HP LASERJET PRO MFP M130FW



Ports	Hi-Speed USB 2.0 port (device); built-in Fast Ethernet 10/100Bas TX network port; Phone line port (in/out), wireless
Wireless capability	Standard (Wi-Fi 802.11b/g/n)
Number of Copies;	Lighter/Darker; Optimize; Paper; Multi-Page Copy; Draft
Maximum number of copies	Up to 99 copies
	Copy reduce / enlarge settings 25 to 400%
Copy speed (black, normal)	Up to 22 cpm
Copy resolution	600 x 400 dpi
Fax available	Yes
Fax resolution	Up to 300 x 300 dpi (halftone enabled)
Fax memory	Up to 1000 pages
Telephone handset supported	Yes
Fax telephone mode supported	Yes
Modem	33.6 kbps
Fax transmission speed	3 sec per page
Apple AirPrint; HP ePrint; Google Cloud Print 2.0; Mopria-certified; Wi-Fi Direct	
Input capacity	Up to 150 sheets
Output capacity	Up to 100 sheets
Automatic document feeder capacity	35 sheets

4) (B6S02A-M706) HP LASER JET PRO M706N A3 PRINTER



Print speed, black	31 - 40
Color output	Black and white
Category	
Product types	Laser printers
Features	
Functions	Print only
HP ePrint capability	Yes
Ports	1 USB 2.0 device port; 1 Fast Ethernet 10/100
Network ready	Yes
Connectivity, standard	1 USB 2.0 device port; 1 Fast Ethernet 10/100
Network capabilities	Yes, via built-in 10/100 Base-TX Ethernet networking
Wireless capability	No
Display Specifications	
Display	2 line LCD (text)
Print speed black (normal, letter)	Up to 35 ppm
Print speed black (normal, A3)	Up to 18 ppm
Print speed black (normal, A4)	Up to 35 ppm
Print speed	Print speed up to 35 ppm (black)
Print speed duplex (A4)	Up to 24 ipm
Print speed duplex (letter)	Up to 24 ipm
Print speed black (normal, tabloid)	Up to 18 ppm
First page out black (letter, ready)	As fast as 9 sec

First page out black (A4, ready)	As fast as 9 sec
First page out black (letter, sleep)	As fast as 10 sec
Weight	17 kg
Package weight	24.3 kg
Printing Media Handling	
Output capacity	Up to 250 sheets
Maximum output capacity (sheets)	Up to 250 sheets
Media type and capacity, tray 3	Sheets: 500
Standard output capacity (transparencies)	Up to 250 sheets
Media type and capacity, tray 1	Sheets: 100
Media type and capacity, tray 2	Sheets: 250
Paper handling input, standard	100-sheet multipurpose tray, 250-sheet input tray
Paper handling input, optional	Optional 500-sheet input tray, optional Automatic duplexer for two-sided printing
Input capacity	Up to 350 sheets
Paper handling output, standard	250-sheet output bin

5) (W1A53A) HP Laserjet Pro M 404DN Printer



Functions	
Print	Print speed, black (normal) Up to 40 ppm (default) ; Up to 42 ppm (HP High Speed)
First page out (ready) black	As fast as 6.1 sec
Resolution (black)	Fine Lines (1200 x 1200 dpi)
Resolution technology	HP FastRes1200, HP ProRes1200, Economode
Monthly duty cycle	Up to 80,000 pages
Recommended monthly page volume	750 to 4000
Print Technology	Laser
Display	2-line backlit LCD graphic display
Processor speed	1200 MHz
Number of print cartridges	1 (black)
Automatic paper sensor	No
Paper trays, standard	2
Paper trays, maximum	3
Mobile Printing Capability	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; ROAM capable for easy printing
Connectivity, standard	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)

6) (C5F95A) HP LASERJET PRO M402DW PRINTER



Color output	**Black and white**
Ports	**1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network; 1 Wireless 802.11b/g/n**
Network ready	**Standard (built-in Ethernet, Wi-Fi) [Operates as both an AP (with Wi-Fi Direct) and STA]**
Connectivity, standard	**1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network; 1 Wireless 802.11b/g/n**
Network capabilities	**Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X**
Wireless capability	**Yes, built-in Ethernet, Wi-Fi [Operates as both an AP (with Wi-Fi Direct and STA]**
Mobile printing capability	**HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0;**

Output capacity	**Up to 150 sheets**
Maximum output capacity (sheets)	**Up to 150 sheets**
Media type and capacity, tray 3	**Sheets: 550**
Standard output capacity (transparencies)	**Up to 75 sheets**
Media type and capacity, tray 1	**Sheets: 100; envelopes: 10**
Media type and capacity, tray 2	**Sheets: 250**

Paper handling input, standard	**100-sheet multipurpose Tray 1, 250-sheet input Tray 2**
Paper handling input, optional	**Optional third 550-sheet tray**
Input capacity	**Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)**
Paper handling output, standard	**150-sheet output bin**
Standard output capacity (envelopes)	**Up to 10 envelopes**
Maximum input capacity (sheets)	**Up to 900 sheets**
Standard input capacity (envelopes)	**Up to 10**
Print speed black (normal, letter)	**Up to 40 ppm**
Print speed black (normal, A4)	**Up to 38 ppm**
Print speed	**Print speed up to 38 ppm (black)**
Print speed duplex (A4)	**Up to 30 ipm**
Print speed black (Landscape, A5)	**Up to 63 ppm**
Print speed black (Portrait, A5)	**Up to 14 ppm**
Print speed duplex (letter)	**Up to 32 ipm**
First page out black (letter, ready)	**As fast as 6.4 sec**
First page out black (A4, ready)	**As fast as 6.4 sec**
First page out black (letter, sleep)	**As fast as 9.8 sec**
Top key features	**Two-sided printing**

Product III
Apple

3.1 I Phone

1) **I Phone SE (64GB,128GB,256GB)**





Design
Type
Bar
Dimensions
138.4 x 67.3 x 7.3 mm
Weight
148 Grams
Waterproof
IP67 dust/water resistant (up to 1m for 30 mins)

Network
SIM
Nano SIM
Dual SIM
Nano-SIM and/or eSIM

Display
Display Type
Retina IPS LCD
Size
4.7 inches
Resolution
750 x 1334 pixels
Display Colors

16M Colors
Pixel Density
326 ppi (pixels per inch)
Touch Screen
Capacitive touchscreen
Display Protection
Ion-strengthened glass, oleophobic coating
Features
Wide color gamut, True-tone
625 nits max brightness (advertised)

Hardware

CPU
Hexa-core (2x2.65 GHz Lightning + 4x1.8 GHz Thunder)
GPU
Apple GPU (4-core graphics)
RAM (Memory)
3 GB
Internal Storage
64 GB, 128 GB, 256 GB
Memory Card Slot
No
Sensors
Fingerprint (front-mounted), accelerometer, proximity, gyro, compass, barometer
Siri natural language commands and dictation

Connectivity

Wi-fi
Wi-Fi 802.11 a/b/g/n/ac/ax, dual-band, hotspot
USB
2.0, proprietary reversible connector
GPS
Yes, with A-GPS, GLONASS
NFC
Wireless Charging
Qi wireless charging
Headphone Jack

Camera

Rear Camera
12 MP (wide)
Image
2160p
Video
2160p@24/30/60fps, 1080p@30/60/120/240fps, HDR, OIS, stereo sound rec.
Flash
Dual-LED dual-tone flash, HDR
Front Camera
7 MP

Software

Operating System
iOS 13
User Interface
Yes

Battery

Capacity
Li-Ion 1821 mAh battery (6.96 Wh) + Fast charging 18W, 50% in 30 min (advertised) + Qi wireless charging
Placement
Non-removable

2) I phone 7 (128GB)



Body	Dimensions 158.2 x 77.9 x 7.3 mm (6.23 x 3.07 x 0.29 in)
Weight	188 g (6.63 oz)
Build	Glass front (Gorilla Glass), aluminum back, aluminum frame
SIM	Nano-SIM

IP67 dust/water resistant (up to 1m for 30 mins)
Apple Pay (Visa, MasterCard, AMEX certified)

Display	Type Retina IPS LCD capacitive touchscreen, 16M colors
Size	5.5 inches, 83.4 cm2 (~67.7% screen-to-body ratio)
Resolution	1080 x 1920 pixels, 16:9 ratio (~401 ppi density)
Protection	Ion-strengthened glass, oleophobic coating
	625 nits max brightness (advertised) Wide color gamut
	3D Touch display & home button

Platform	OS iOS 13,
Chipset	Apple A10 Fusion (16 nm)
CPU	Quad-core 2.34 GHz (2x Hurricane + 2x Zephyr)
GPU	PowerVR Series7XT Plus (six-core graphics)
Memory	Card slot ,No
Internal	32GB 3GB RAM, 128GB 3GB RAM, 256GB 3GB RAM NVMe
Main Camera	Dual 12 MP, f/1.8, 28mm (wide), 1/3", PDAF, OIS 12 MP, f/2.8, 56mm (telephoto), 1/3.6", AF, 2x optical zoom
Features	Quad-LED dual-tone flash, HDR
Video	4K@30fps, 1080p@30/60/120fps, 720p@240fps
Selfie camera	Single 7 MP, f/2.2, 32mm (standard)
Features	Face detection, HDR
Video	1080p@30fps
Sound	Loudspeaker Yes, with stereo speakers 3.5mm jack No
WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, hotspot
Bluetooth	4.2, A2DP, LE
GPS	Yes, with A-GPS, GLONASS, GALILEO, QZSS
NFC	Yes
Radio	No
USB	2.0, proprietary reversible connector
Features	Sensors Fingerprint (front-mounted), accelerometer, gyro, proximity, compass, barometer
Battery	Non-removable Li-Ion 2900 mAh battery (11.1 Wh)

3) I Phone XS (64,256,512 GB)



Body	
Dimensions	143.6 x 70.9 x 7.7 mm (5.65 x 2.79 x 0.30 in)
Weight	177 g (6.24 oz)
Build	Glass front (Gorilla Glass), glass back (Gorilla Glass), stainless steel frame
SIM	Nano-SIM, eSIM IP68 dust/water resistant (up to 2m for 30 mins) Apple Pay (Visa, MasterCard, AMEX certified)
Display	Type Super Retina OLED capacitive touchscreen, 16M colors
Size	5.8 inches, 84.4 cm2 (~82.9% screen-to-body ratio)
Resolution	1125 x 2436 pixels, 19.5:9 ratio (~458 ppi density)
Protection	Scratch-resistant glass, oleophobic coating 625 nits max brightness (advertised)
Platform	OS iOS 13,
Chipset	Apple A12 Bionic (7 nm)
CPU	Hexa-core (2x2.5 GHz Vortex + 4x1.6 GHz Tempest)

GPU	Apple GPU (4-core graphics)
Memory	Card slot No
Internal	64GB 4GB RAM, 256GB 4GB RAM, 512GB 4GB RAM NVMe
Main Camera	Dual 12 MP, f/1.8, 26mm (wide), 1/2.55", 1.4µm, dual pixel PDAF, OIS12 MP, f/2.4, 52mm (telephoto), 1/3.4", 1.0µm, PDAF, OIS, 2x optical zoom
Features	Quad-LED dual-tone flash, HDR (photo/panorama)
Video	4K@24/30/60fps, 1080p@30/60/120/240fps, HDR, stereo sound rec.
Selfie camera	Dual 7 MP, f/2.2, 32mm (standard) SL 3D, (depth/biometrics sensor)
Features	HDR
Video	1080p@30/60fps, gyro-EIS
Sound	Loudspeaker Yes, with stereo speakers
WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, hotspot
Bluetooth	5.0, A2DP, LE
GPS	Yes, with A-GPS, GLONASS, GALILEO, QZSS
NFC	Yes
Radio	No
USB	2.0, proprietary reversible connector
Features	Sensors Face ID, accelerometer, gyro, proximity, compass,
Battery	Non-removable Li-Ion 2658 mAh battery (10.13 Wh)
Charging	Fast charging 15W, 50% in 30 min (advertised) USB Power Delivery 2.0 Qi wireless charging

4) I phone XS MAX (64,256,512 GB)



Body	
Dimensions	157.5 x 77.4 x 7.7 mm (6.20 x 3.05 x 0.30 in)
Weight	208 g (7.34 oz)
Build	Glass front (Gorilla Glass), glass back (Gorilla Glass), stainless steel frame
SIM	Single SIM (Nano-SIM and/or eSIM) or Dual SIM (Nano-SIM, dual stand-by)

IP68 dust/water resistant (up to 2m for 30 mins)
Apple Pay (Visa, MasterCard, AMEX certified)

Display	
Type	Super Retina OLED capacitive touchscreen, 16M colors
Size	6.5 inches, 102.9 cm2 (~84.4% screen-to-body ratio)
Resolution	1242 x 2688 pixels, 19.5:9 ratio (~458 ppi density)
Protection	Scratch-resistant glass, oleophobic coating 625 nits max brightness (advertised)
OS	iOS 13
Chipset	Apple A12 Bionic (7 nm)
CPU	Hexa-core (2x2.5 GHz Vortex + 4x1.6 GHz Tempest)
GPU	Apple GPU (4-core graphics)

Memory	Card slot No
Internal	64GB 4GB RAM, 256GB 4GB RAM, 512GB 4GB RAM NVMe
Main Camera	
Dual	12 MP, f/1.8, 26mm (wide), 1/2.55", 1.4µm, dual pixel PDAF, OIS 12 MP, f/2.4, 52mm (telephoto), 1/3.4", 1.0µm, PDAF, OIS, 2x optical zoom
Features	Quad-LED dual-tone flash, HDR (photo/panorama)
Video	4K@24/30/60fps, 1080p@30/60/120/240fps, HDR, stereo sound rec.
Selfie camera	Dual 7 MP, f/2.2, 32mm (standard) SL 3D, (depth/biometrics sensor)
Features	HDR
Video	1080p@30/60fps, gyro-EIS
Sound	Loudspeaker Yes, with stereo speakers
WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, hotspot
Bluetooth	5.0, A2DP, LE
GPS	Yes, with A-GPS, GLONASS, GALILEO, QZSS
NFC	Yes
USB	2.0, proprietary reversible connector
Features	Sensors Face ID, accelerometer, gyro, proximity, compass
Battery	Non-removable Li-Ion 3174 mAh battery (12.08 Wh)
Charging	Fast charging 15W, 50% in 30 min (advertised) USB Power Delivery 2.0 Qi wireless charging

5) I phone 11 (64,128,256 GB)



Display:	6.1-inch (1792×828 pixels) LCD 326ppi Liquid Retina display
Chipset:	Six-core A13 Bionic 64-bit processor, 8-core Neural Engine
Storage:	64GB, 128GB,256GB
OS:	iOS 13.3
SIM:	Dual SIM (nano + eSIM)
Back Camera:	12MP wide-angle f/1.8 primary camera, OIS, True Tone flash, 4K video recording at 60 fps, Slo-mo 1080p at 240 fps 12MP 120° Ultra Wide f/2.4 camera, 2x optical zoom out; digital zoom up to 5x
Front Camera:	12MP front camera with f/2.2 aperture, 1080p video recording, Retina Flash, 4K video recording at 60 fps, Slo-mo 1080p at 120 fps
Security:	TrueDepth camera for FaceID facial recognition
Dimensions:	150.9×75.7×8.3mm
Weight:	194 grams
Connectivity:	4G VoLTE, 802.11ax Wi-Fi 6 with 2×2 MIMO, Bluetooth 5.0, NFC, GPS with GLONASS
Other features:	Water and dust resistant (IP68), Stereo speakers
Battery:	3110mAh; 1hour more than iPhone XR, Qi wireless charging, 18W fast charging (fast charger inside the box)

6) I Phone 11 Pro





Display:	5.8‑inch (2436×1125 pixels) OLED 458ppi Super Retina XDR display
Chipset:	Six-core A13 Bionic 64-bit processor, 8-core Neural Engine
Storage:	64GB, 256GB, 512GB
OS:	iOS 13.3
SIM:	Dual SIM (nano + eSIM)
Back Camera:	12MP wide-angle f/1.8 primary camera, OIS, True Tone flash, 4K video recording at 60 fps, Slo‑mo 1080p at 240 fps 12MP 120° Ultra Wide f/2.4 camera a 12MP Telephoto f/2.0 for 2x optical zoom in, digital zoom up to 10x
Front Camera:	12MP front camera with f/2.2 aperture, 1080p video recording, Retina Flash, 4K video recording at 60 fps, Slo‑mo 1080p at 120 fps
Security:	TrueDepth camera for FaceID facial recognition
Dimensions:	1144×71.4×8.1mm (iPhone 11 Pro); 158×77.8×8.1mm (iPhone 11 Pro Max)
Weight:	188 grams (iPhone 11 Pro) ; 226 grams (iPhone 11 Pro Max)
Connectivity:	4G VoLTE, 802.11ax Wi‑Fi 6 with 2×2 MIMO, Bluetooth 5.0, NFC, GPS with GLONASS
Other features:	Water and dust resistant (IP68), Stereo speakers
Battery:	3046mAh; Qi wireless charging, 18W fast charging (fast charger inside the box)

7) I phone 11 Pro Max (64,256,512 GB)





Display:	5.8‑inch (2436×1125 pixels) OLED 458ppi Super Retina XDR display
Chipset:	Six-core A13 Bionic 64-bit processor, 8-core Neural Engine
Storage:	64GB, 256GB, 512GB
OS:	iOS 13.3
SIM:	Dual SIM (nano + eSIM)
Back Camera:	– 12MP wide-angle f/1.8 primary camera, OIS, True Tone flash, 4K video recording at 60 fps, Slo‑mo 1080p at 240 fps – 12MP 120° Ultra Wide f/2.4 camera – a 12MP Telephoto f/2.0 for 2x optical zoom in, digital zoom up to 10x
Front Camera:	12MP front camera with f/2.2 aperture, 1080p video recording, Retina Flash, 4K video recording at 60 fps, Slo‑mo 1080p at 120 fps
Security:	TrueDepth camera for FaceID facial recognition
Dimensions:	1144×71.4×8.1mm (iPhone 11 Pro); 158×77.8×8.1mm (iPhone 11 Pro Max)
Weight:	188 grams (iPhone 11 Pro) ; 226 grams (iPhone 11 Pro Max)
Connectivity:	4G VoLTE, 802.11ax Wi‑Fi 6 with 2×2 MIMO, Bluetooth 5.0, NFC, GPS with GLONASS
Other features:	Water and dust resistant (IP68), Stereo speakers
Battery:	3969mAh; Qi wireless charging, 18W fast charging (fast charger inside the box)

3.2. MacBook

1) 13.3” MacBook Air (i3/ i5)



Retina display with True Tone
1.1GHz dual-core 10th-generation Intel Core i3 processor
Turbo Boost up to 3.2GHz
Intel Iris Plus Graphics
8GB 3733MHz LPDDR4X memory
256GB SSD storage[1]
Magic Keyboard
Touch ID
Force Touch trackpad
Two Thunderbolt 3 ports

i5 Variant



Retina display with True Tone
1.1GHz quad-core 10th-generation Intel Core i5 processor
Turbo Boost up to 3.5GHz
Intel Iris Plus Graphics
8GB 3733MHz LPDDR4X memory
512GB SSD storage[1]
Magic Keyboard
Touch ID
Force Touch trackpad

Two Thunderbolt 3 ports

2) MacBook Pro 13” (128,256,512, 1TB SSD)



1.4GHz quad-core 8th-generation Intel Core i5 processor

Turbo Boost up to 3.9GHz

Intel Iris Plus Graphics 645

8GB 2133MHz LPDDR3 memory

13-inch Retina display with True Tone

Magic Keyboard

Touch Bar and Touch ID

Two Thunderbolt 3 ports

3) Mac Book Pro 16” (128,256, 512, 1TB)



2.6GHz 6-core 9th-generation Intel Core i7 processor

Turbo Boost up to 4.5GHz

AMD Radeon Pro 5300M with 4GB of GDDR6 memory

16GB of 2666MHz DDR4 memory

16-inch Retina display with True Tone

Magic Keyboard

Touch Bar and Touch ID

Four Thunderbolt 3 ports