

Desktop Migration Proposal

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This is an exciting move forward for the company to get new computers for the office! This upgrade will unlock a higher level of productivity in the office, moving the company forward and allowing for better workflows in the organization. I will first start with the recommendation for the 40 computers for the common user and then will cover the 10 that will be for the creative/coders later in this proposal.

Below are all of your required specs for upgrading the common user laptops for reference.

Number of computers	40
Processor	Intel i3 Dual Core
Memory	4 GB
Graphics	HD
Storage	256 SSD
Applications	Microsoft office, internet browser

For common users I recommend the Inspiron 15 Laptop. See specs below.

Tech Specs

Processor
AMD Ryzen™ 3 7320U (6 MB total cache, 4 cores, 8 threads)

Operating System
(Dell Technologies recommends Windows 11 Pro for business)
Windows 11 Home, English, French, Spanish

Graphics Card
AMD Radeon™ 610M

Display
15.6", Non-Touch, FHD 1920x1080, 120Hz, WVA, IPS, Anti-Glare, 250 nit, Narrow Border, LED-Backlit

Memory ⓘ
8 GB: LPDDR5, 5500 MT/s (onboard)

Storage
512 GB, M.2, PCIe NVMe, SSD

Case
Carbon Black

Microsoft Office
Activate Your Microsoft 365 For A 30 Day Trial

Home and Small Business Security Solutions
McAfee+ Premium 30-day trial

Protect your purchase - View Support offers below ⓘ
1Y Basic Onsite Service after remote diagnosis with Hardware-Only Support

Accidental Damage Service
None

Keyboard
English US non-backlit keyboard

Ports
1 USB 3.2 Gen 1 Type-A port
1 USB 3.2 Gen 1 Type-C port (data only)
1 USB 2.0 port
1 Headset jack ⓘ

1 HDMI 1.4* port
*The maximum resolution supported over HDMI is 1920x1080 @60Hz. No 4K2K output

Slots
1 SD 3.0 card slot

Dimensions & Weight
1. Height: 0.67"- 0.75" (16.96 mm – 18.99 mm)
2. Width: 14.11" (358.50 mm)
3. Depth: 9.27" (235.56 mm)
Starting weight: 3.59 lbs. (1.63 kgs) ⓘ

Camera
Integrated widescreen HD (720p) Webcam with Single Digital Microphone in plastic chassis

Audio and Speakers
Stereo speakers with Waves MaxxAudio® Pro, 2 W x 2 = 4 W total

Wireless ⓘ
Realtek Wi-Fi 5 RTL8821CE, 1x1, 802.11ac, MU-MIMO, Bluetooth® wireless card

Primary Battery
3 Cell, 41 Wh, integrated

Battery Life
Up to 11 hours, 31 minutes ⓘ

Power
65W AC adapter

Palmrest
Carbon Black Palmrest Without Fingerprint Reader

Regulatory
Energy Star 8.0 (Windows OS only)
EPEAT Silver (Windows OS only)
[Product Safety and Environmental Datasheets](#)
[Dell Regulatory Compliance Home](#)
[Dell and the Environment](#)



To further explain this computer's specs and compare to your requirements, this computer gives you everything you're looking for at a great price (\$279.99 per computer). This computer features an AMD Ryzen 3 processor which is comparable to an Intel i3 processor but is said to have a slight edge in performance. Using an AMD processor vs. Intel gives you a little more compute power than each user may need and at a lower cost. It has 8 GB RAM which is double the requirement however in this decision I consider speed and longevity of the device; 8 GB RAM is the lowest I would go on any computer regardless of its use. This computer also features a full high-definition (FHD) 1920 x 1080 display powered by a AMD Radeon Graphics card which is good enough for what they'll be doing on these machines. The Inspiron 15 also features 5 ports for connecting a wide range of external devices.

Here's the link to view this laptop and purchase it for the team:

https://www.dell.com/en-us/shop/laptops/amd/spd/inspiron-15-3535-laptop?_gl=1*mt49bc*_up*MQ..&qclid=Cj0KCQiAkoE9BhDYARIsAH85cDNL7-3c0ry_6w-2NLYxj7Mq4inJO7YO96tOJJqtNWqssn64aqADRR8aAuhrEALw_wcB&qclsrc=aw.ds

Below are all of your required specs for upgrading the creatives/coders laptops for reference.

Number of computer	10
Processor	Intel i5 Dual Core
Memory	8 GB
Graphics	HD+
Storage	500 SSD and additional storage
Applications	Adobe Illustrator, CLO Enterprise Edition, ApparelMagic Enterprise Edition, Internet Browsers

For creatives/coders I recommend the Inspiron 15 Laptop with more powerful hardware than the common users' laptops. See specs below.

Tech Specs

Processor
13th Gen Intel® Core™ i5-1334U (12 MB cache, 10 cores, 12 threads, up to 4.60 GHz Turbo)

Operating System
Windows 11 Pro, English, French, Spanish

Graphics Card
Intel® Iris® Xe Graphics

Display
15.6", Non-Touch, FHD 1920x1080, 120Hz, WVA, IPS, Anti-Glare, 250 nit, Narrow Border, LED-Backlit

Memory ⓘ
16 GB: 2 x 8 GB, DDR4, 2666 MT/s

Storage
512 GB, M.2, PCIe NVMe, SSD

Case
Carbon Black (Plastic)

Microsoft Office
Activate Your Microsoft 365 For A 30 Day Trial

Home and Small Business Security Solutions
McAfee® Business Protection 1-year

Protect your purchase - View Support offers below ⓘ
1Y Basic Onsite Service after remote diagnosis with Hardware-Only Support

Accidental Damage Service
None

Keyboard
English US backlit keyboard

Ports
1 USB 3.2 Gen 1 Type-A port
1 USB 3.2 Gen 1 Type-C full function ⓘ
1 USB 2.0 port
1 Headset jack ⓘ
1 HDMI 1.4 port ⓘ

Slots
1 SD 3.0 card slot

Dimensions & Weight
Height (Front): 16.96 mm
Height (Rear): 18.99 mm
Width: 358.50 mm
Depth: 235.60 mm

Starting Weight (Integrated Graphic): 1.65 kg ⓘ
Starting Weight (Discrete Graphic): 1.69 kg ⓘ

Camera
Integrated widescreen FHD (1080p) Webcam with Dual Digital Microphone in metal chassis

Audio and Speakers
Stereo speakers, 2 W x 2 = 4 W total

Chassis
Exterior Chassis Materials:
Aluminium exterior shell

Color options:
Platinum Silver

Touchpad:
Platinum Silver: Precision touchpad

Wireless ⓘ
Realtek Wi-Fi 6 RTL8852BE, 2x2, 802.11ax, MU-MIMO, Bluetooth® wireless card

Primary Battery
3 Cell, 41 Wh, integrated

Battery Life
Up to 9 hours, 15 minutes ⓘ

Power
65W AC adapter

Palmrest
Carbon Black with Finger Print Reader

Regulatory
ENERGY STAR
[Product Safety, EMC and Environmental Data sheets](#)
[Dell Regulatory Compliance Home](#)
[Dell and the Environment](#)



To further explain this computer's specs and compare to your requirements, this computer gives you everything you're looking for at a great price (\$559.99 per computer). This computer features an Intel i5 processor w/ 10 cores, exceeding your dual core requirement. I switched back to an Intel processor for this archetype, instead of using a lower cost AMD processor, because this processor allows for a higher performing graphics card: the Intel Iris Xe Graphics card. This graphics card is perfect for the workloads of the creatives. It has 16 GB RAM which is double the requirement however in this decision I consider speed and the computer's ability to multitask. Many creatives/coders need multiple tabs or programs open; 16 GB RAM will ensure they have enough memory to operate within their workflow. I stuck with the Inspiron 15 design mainly to have access to the same ports as the common users, which I believe to be a good variety.

Here's the link to view this laptop and purchase it for the team:

<https://www.dell.com/en-us/shop/laptops/intel/spd/inspiron-15-3530-laptop#offers-anchor>

Each laptop comes with a 1Y Basic Onsite Service after remote diagnosis with Hardware-Only Support. Additional coverage can be bought. There are 3 tiers to choose from: Basic, ProSupport, and ProSupport Plus. ProSupport is the best coverage option that covers hardware and software support, next business day onsite repairs after remote diagnosis, proactive and predictive hardware alerts with auto dispatch, 24/7 phone access to in-region experts. It has 1, 2 and 3 year options.

An approximate total for upgrading the common user computers (~\$12,200) and the creatives/coders computers (~\$5,600) is \$18,800 including tax (without warranty included). This investment in HFA's IT infrastructure would be a huge leap in its computing power and productivity. If you have any further questions about my recommendations, feel free to reach out to me for clarity.



Image of the Inspiron 15 Laptop

References

Dell Technologies. (n.d.-a). *Inspiron 15 3535 laptop*. Dell. Retrieved February 8, 2025, from <https://www.dell.com/en-us/shop/laptops/amd/spd/inspiron-15-3535-laptop>

Dell Technologies. (n.d.-b). *Inspiron 15 3530 laptop*. Dell. Retrieved February 8, 2025, from <https://www.dell.com/en-us/shop/laptops/intel/spd/inspiron-15-3530-laptop>