

Laptop lingo



How to find the **perfect device**

A guide for business owners and IT managers

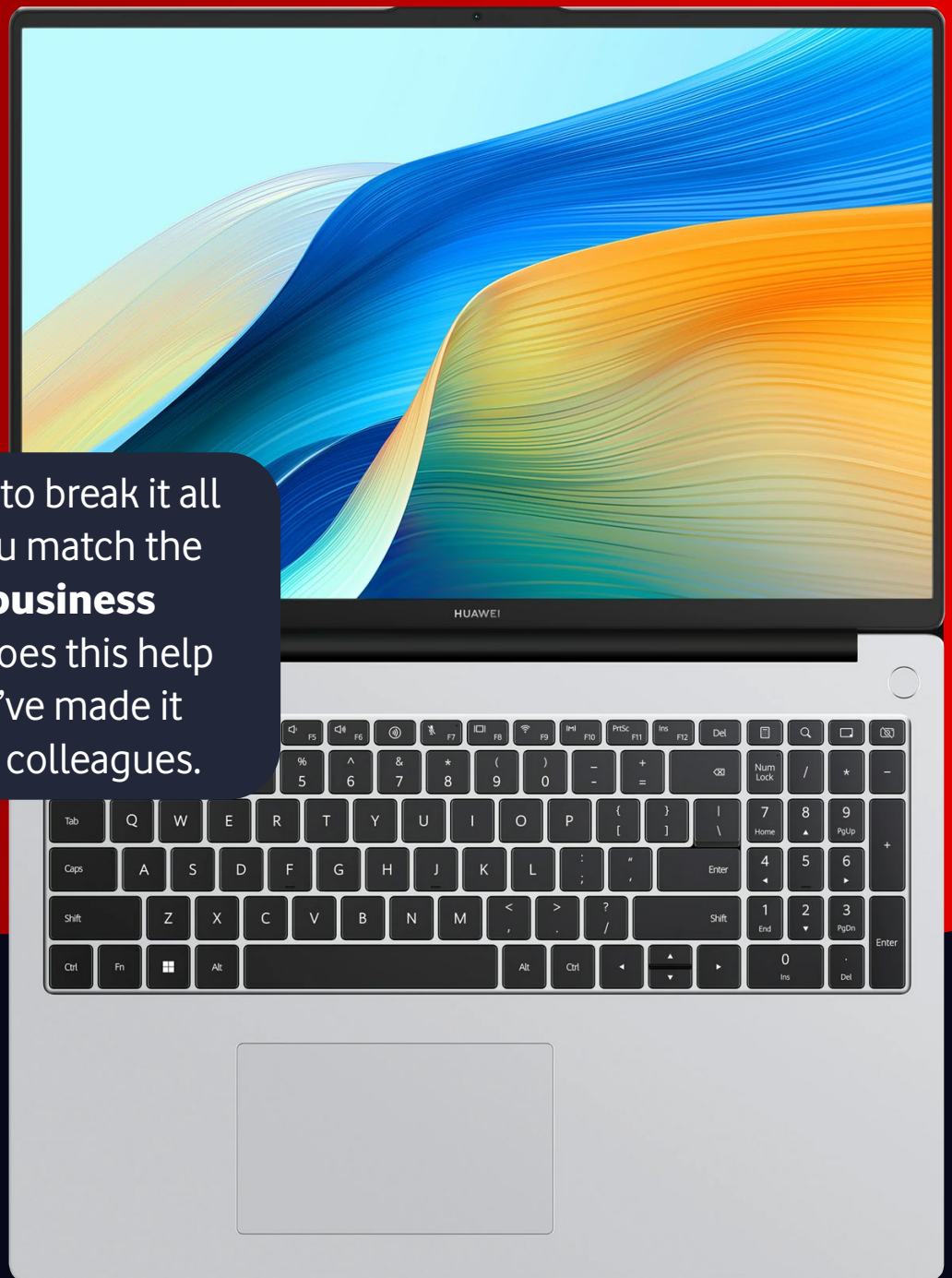


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Introduction

Picking the right laptop for your business is the key to keeping your team in sync and on fire. With so many specifications and models available, it's easy to feel like you're drowning in tech jargon.

This guide is here to break it all down and help you match the **specs** to your **business needs**. And how does this help IT managers? We've made it easy to share with colleagues.



Chapter 1: Laptop specs 101

Processor (CPU)

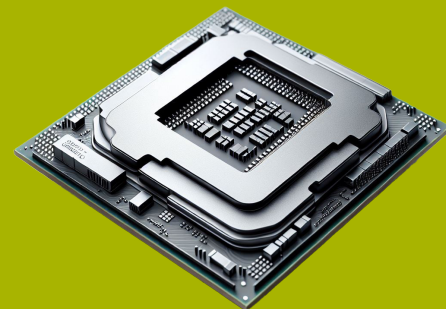
Think of the **CPU** as your laptop's brain. It executes instructions, processes data, and ensures software runs smoothly. It's essentially the hub of all processes of your device. Intel, Nvidia and AMD are the primary manufacturers.

Core count

affects how many tasks can be handled simultaneously. More cores mean more multitasking.

Clock speed

(measured in GHz) determines how quickly a CPU can process tasks.



Memory (RAM)

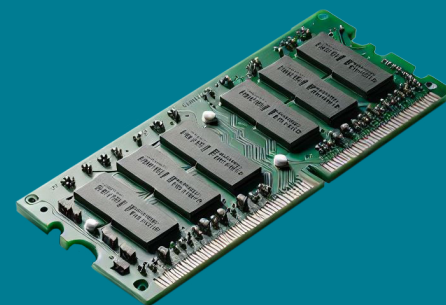
RAM (Random Access Memory) is the short-term memory of a laptop. More RAM means less lag when you've got 20 tabs open.

8 GB:

Perfect for basic users (emails, web browsing, document editing).

16 GB:

Perfect for power users (graphic design, video editing, data processing).



Storage (HDD vs. SSD)

Storage is the closet of your laptop - where all files, software, and the operating system are stored. So, more storage means more files to save.

HDD (Hard Disk Drive):

The old-school option. Slower, clunkier, but cheap with tons of space.

SSD (Solid-State Drive):

Perfect for power users (graphic design, video editing, data processing).

NVMe (Non-Volatile Memory Express) SSDs

are the fastest type of storage available, ideal for professionals working with large files or applications requiring high-speed data access.



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Operating System (OS)

The **Operating System (OS)** is the puppet master running the show—connecting your hardware to your apps:

Windows:

is the most common for business use, offering broad software

MacOS:

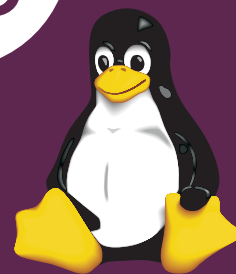
is optimised for Apple devices. Creatives love this for its stability and

Linux:

is used by developers and IT professionals due to its customisation and security advantages.



mac
OS



Graphics Processing Unit (GPU)

The GPU (Graphics Processing Unit) is all about visuals. It handles image and video rendering, which is critical for graphics-intensive applications.

Integrated GPUs:

Shares storage with your device – great for everyday tasks.

Dedicated GPUs:

Has its own storage and memory. A must-have for video editing, gaming, or 3D wizardry.



Chapter 2: Choosing your perfect match





Administrative & office work

For the unsung heroes of emails, data entry and spreadsheets, who need reliable, no-drama machines.



Recommended specs:

Intel Core i3/i5, 8GB RAM, 256GB SSD.

General business & productivity

Managers, sales professionals, and business executives need a laptop that can keep up with their multitasking.



Recommended specs:

Intel Core i5/i7, 16GB RAM, 512GB SSD.



Creative & design professionals

Graphic designers, video editors, and architects need a GPU they can rely on to let their creative juices flow.



Recommended specs:

Intel Core i7/i9, dedicated GPU (NVIDIA/AMD), 16GB-32GB RAM.



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Developers

People who write code need a laptop that can run programming tools and big projects without slowing down. They need a fast processor, lots of memory, and quick storage.

Recommended specs:

Intel Core i7 or i9, 16GB or more RAM, SSD, Linux compatibility.



IT professionals

People who manage systems, protect against hacks, or handle networks need a laptop that can run virtual setups, security tools, and connect remotely. They need a strong processor and good security options.

Recommended specs:

Intel Core i7 or i9, 16GB or more RAM, SSD, extra ports (Ethernet, USB-C, Thunderbolt), strong security features.



Data analysts

Number-crunching wizards need speed, memory, running data tools like Power BI, which need a lot of power to handle big data, create reports, and show live visuals.

Recommended specs:

Intel Core i7/i9, 16GB+ RAM, high-resolution screen, SSD storage.



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Selecting the **right laptop** for your team shouldn't feel like rocket science. Knowing what your team needs is the key to getting them to **perform their best**.

Vodacom Business is all about helping you make an informed decision.



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