VELOCITY micro®

THE ULTIMATE
TRADING PC
BUYING GUIDE

EVERYTHING YOU NEED TO PUT TOGETHER
A TRADING WORKSTATION THAT PERFORMS
LIKE A PRO

WHY TRADERS NEED
A PURPOSE
BUILT PC

STANDARD DESKTOPS
JUST DON'T CUT IT.

When milliseconds matter, your hardware can't be an afterthought. Most off-the-shelf desktops—whether designed for office work or gaming—fall short in the fast-paced world of trading. Trading platforms like ThinkorSwim, NinjaTrader, or MetaTrader demand ultra-fast response times, rock-solid stability, and support for multiple high-resolution displays running simultaneously.

While a gaming rig may produce high frame rates, it often lacks native multi-monitor support beyond four displays and the long-term reliability that full-time traders need. And office PCs? They simply aren't fast enough to prevent the slippage that costs you profits.

A true trading workstation is purpose-built: engineered for uptime, tuned for performance under pressure, and optimized to handle dozens of charts, data feeds, and browser tabs—all without skipping a beat.

SPECS THAT
MAKE A DIFFERENCE
(AND WHAT DOESN'T)

Not all performance is created equal. While many PCs boast big numbers—more cores, flashy graphics, RGB lighting—trading demands a very different kind of power.

Don't waste money on RGB lights or ultra-high-end gaming gear. Save it for your next trade.

1. CPU

Fast single-core performance matters most. A strong Intel Core Ultra 7 or AMD Ryzen 7 ensures your charts and trading platforms respond instantly.

2. RAM

32GB is the sweet spot for multitasking with multiple platforms, browsers, and communication tools. We recommend high quality, high speed RAM at least 5200MHz

3. STORAGE

A fast NVMe SSD (not a spinning hard drive) loads platforms, data, and charts in seconds. Gen 4 at a minimum, but Gen 5 if you're really going for it.

4. GPU

You don't need gaming horsepower—what you need is multi-monitor stability. Pro cards like the NVIDIA A1000 support up to 4 displays each via DisplayPort

5. COOLING

The fastest PC in the world is useless if it overheats. Invest in a closed loop AIO CPU cooler for optimal performance and zero maintenance.

THE IMPORTANCE OF
MULTI-MONITOR SUPPORT

MORE SCREENS.
MORE CLARITY.
MORE CONTROL.

In trading, visibility is everything. Whether you're monitoring multiple tickers, comparing timeframes, or managing positions across platforms, a multi-monitor setup gives you the awareness and confidence to act decisively. But not all PCs are built to handle 4, 6, or even 8 screens out of the box.

Most consumer desktops max out at two or three displays at best. That's why professional trading PCs come with native multi-monitor GPU support from cards like the NVIDIA A400 or A1000. These cards are built for stability, with multiple DisplayPort outputs designed to run high-resolution displays without compromise.

With the right GPU, your workstation becomes a command center—so you're always one step ahead of the market.

HOW TO CHOOSE
THE RIGHT GPU

VISUAL STABILITY OVER GRAPHIC POWER.

Your trading GPU doesn't need to render frames in game—it needs to power multiple high-resolution monitors without fail. Many traders make the mistake of buying high-end gaming cards like the RTX 5080, only to find they support just 3–4 screens with a mix of HDMI and DisplayPort and produce unnecessary heat, noise, and driver instability.

Instead, go with professional workstation GPUs designed for multi-display reliability via DisplayPort out. Cards like the NVIDIA A400 or A1000 support 3 and 4 monitors each respectively and because they are single slot cards, can be paired to support up to 8.

These pro GPUs prioritize stability, compatibility with trading software, and uninterrupted uptime. No adapters. No flickering. Just clean, reliable output—so your charts, order books, and news feeds stay exactly where you need them.

COMMON MISTAKES
TRADERS MAKE

AVOID THE PITFALLS
THAT COST YOU TRADES

Even seasoned traders can fall into hardware traps that lead to lost time—or worse, lost money. Here are the five most common PC mistakes we see:

1. USING GAMING PCs

Flashy RGB builds might look fast but often lack multi-monitor support and long-term stability.

2. RELYING ON USB
DISPLAY ADAPTERS

Cheap dongles cause lag, flickering, or complete signal drops under load.

3. UNDERPOWERED HARDWARE

Milliseconds count! Oftentimes, underpowered hardware can create slippage – the gap in price between when an order is sent and executed, resulting in fewer profit opportunities

4. NEGLECTING COOLING

High powered PCs generate heat, and mitigating that heat is the challenge that must be overcome for long term stability. Cheap CPU coolers and too few case fans will degrade your hardware over time

5. POOR CABLE MANAGEMENT

Tangled, unstable monitor setups create frustration and risk.

The right trading PC isn't just about specs—it's about system integrity, built for uptime, consistency, and confidence under pressure. Small shortcuts in your hardware can become costly mistakes when every second matters.
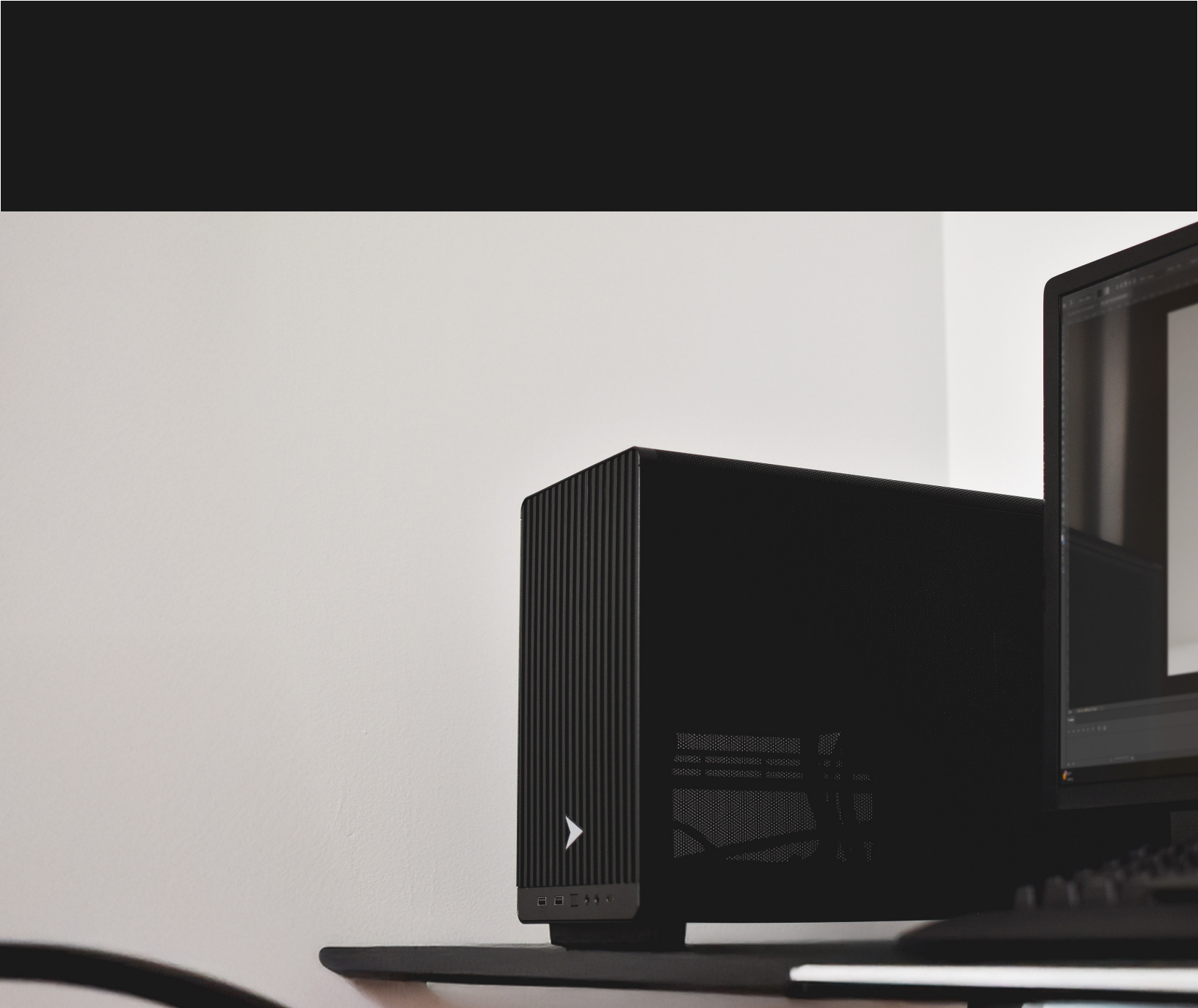
WHY
TRADE PRO
SERIES

BUILT FOR TRADERS.
BACKED BY EXPERTS.

We don't build gaming PCs in disguise. The TraderPro Series was engineered from day one to meet the specific demands of professional traders—zero fluff, no compromises. Every system is optimized for multi-monitor performance, high-speed execution, and long-haul reliability.

We use only vetted, professional-grade components: NVIDIA pro GPUs for native 6-display output, high-efficiency cooling for non-stop uptime, and power supplies designed to handle volatile workloads without flinching. Our systems are pre-tested with leading platforms like ThinkorSwim, MetaTrader, and NinjaTrader to ensure seamless compatibility.

READY TO
BUILD?

> REQUEST A QUOTE

> TALK TO A SPECIALIST

> CONFIGURE NOW