MaxxECU
Be a tuning mastermind. Like us.

Tune to
PERFECTION

Exceptional engine control system
for exceptional engines

"…ridiculously fast & competitive cars"

MASTERMIND STEVE NICHOLS
about MaxxECU...

"With MaxxECU, you get full control of the engine and its performance. It lets you analyze just about anything and gives you total insight.

Still, it's the easiest and fastest engine control system I have ever worked with. Customers get ridiculously fast and competetive cars. Giving you many satisfied customers."

STEVE NICHOLS
Tuning Mastermind, US

EASY-TO-USE INTERFACE
for fast and intuitive tuning

Are you, as a tuner, fed up with poor software and hardware that takes forever to navigate and doesn't even work?

Our tuning software is straightforward and simple to use as it is built on years of experience from professional dynotuning sessions. Regular software updates keep it intuitive and up-to-date with new features...

MANY OPTIONS
to build fast and competitive engines

Tuning engines for perfection?
Do you need to access a lot of data?

We've gone all-in on that. In our systems there are endless tuning options.
Dig deep for seriously advanced settings – or keep it simple.

Advanced, yet user friendly engine control system

Powerful software
for intuitive tuning & data monitoring

Fast & easy tuning with MTune

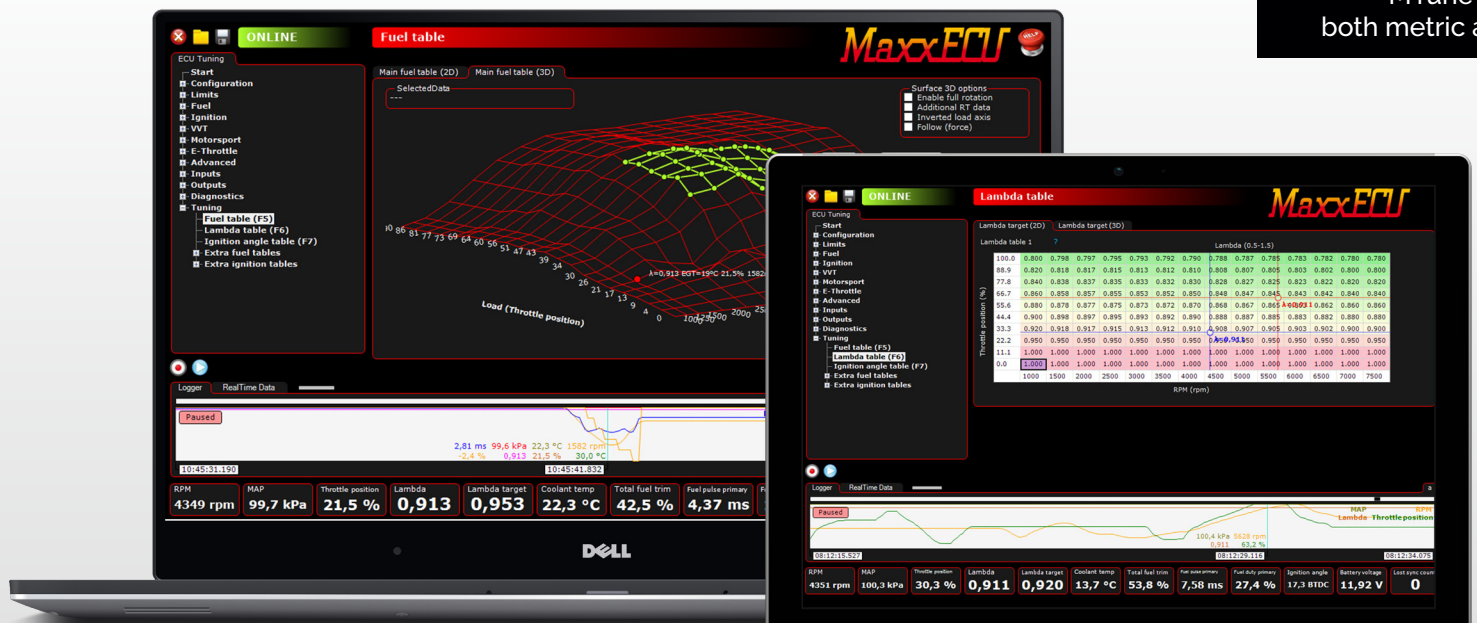**All of our systems come with our easy-to-use MTune software for advanced or simple tuning.**

Frustration brought this on
We got fed up with complicated systems that were difficult and time-consuming to navigate. That was the birth of the MaxxECU control system and MTune tuning software several years ago.

Always updated
We release free-of-charge software updates regularly to keep it up-to-date with new features and functions.

US Custor
MTune & MD
both metric and U

Available for Windows XP/Vista/7/8/10

Monitor while driving with MDash

MDash is our free Android app that allows MaxxECU RACE & PRO users to monitor and make real-time adjustments. Wireless connectivity through Bluetooth.
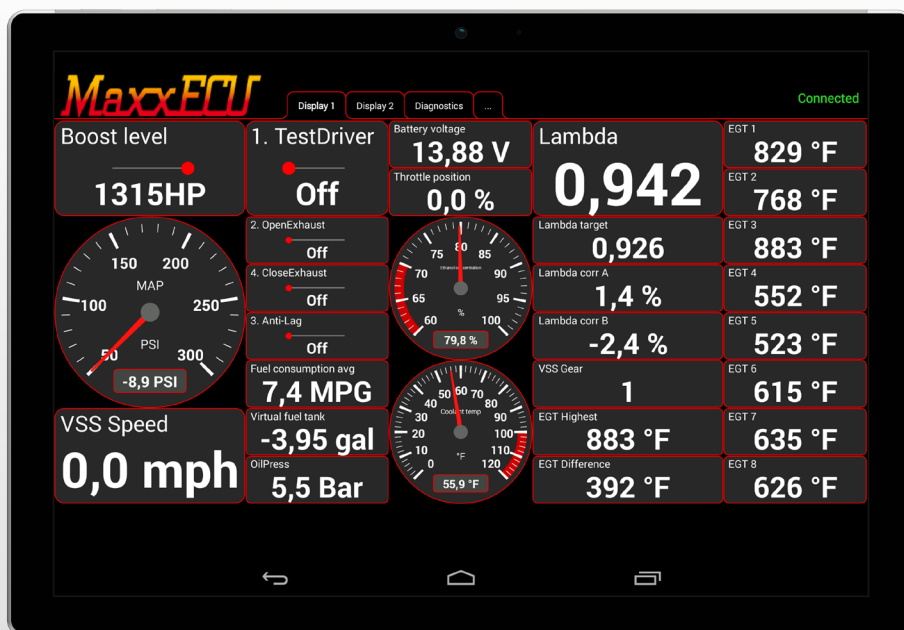
Understand your vehicle
Decide what to monitor and get real insight to your vehicle's performance in different environments. Includes the advanced warning-system to alert the driver to errors.
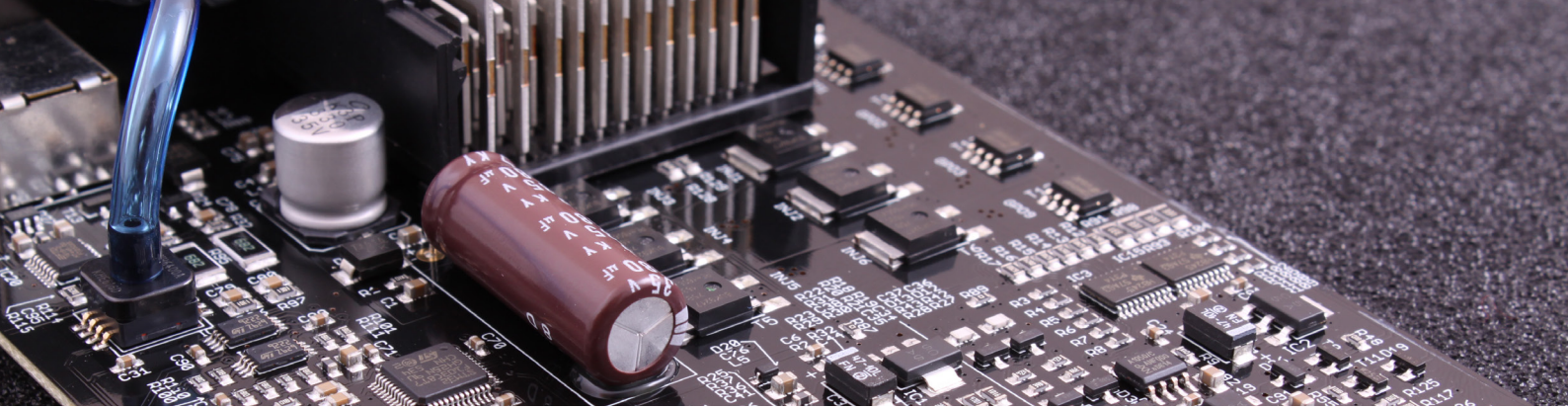
Shift among modes
Program several modes. For example you can set speed limiters to protect your car from reckless driving.

mary units
Dash support
US measurements.

Available for Android - Download for free on www.maxxecu.com

It's our standard system, but there is nothing standard about it

MaxxECU STREET

Entry-level engine control system for up to
6 sequential cylinders.

Faster and easier tuning with built-in wideband lambda and
a built-in MAP-sensor up to 3 bar/43.5 psi of boost.

Get started faster with an easy to configure
superfast Cortex M3 CPU.

Get power to your engine.
MaxxECU STREET is the most powerful entry level engine control system on the market, offering exceptionally advanced tuning.

Holding our standards high.
MaxxECU STREET meets the needs of most tuning masterminds looking for powerful tuning results for engines with up to 6 cylinders.

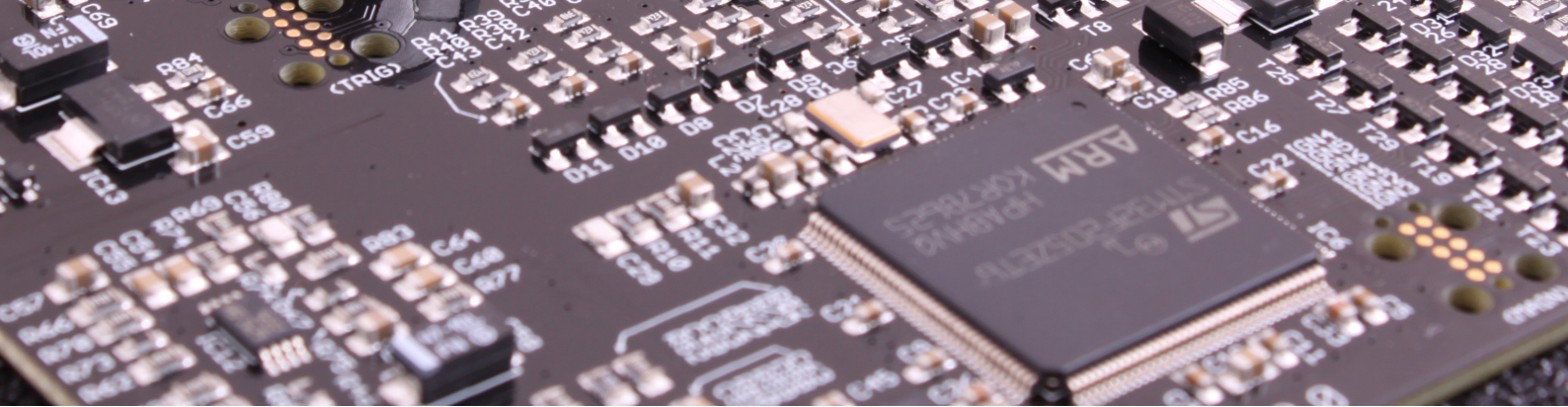**Intuitive tuning software and easy upgrade.**
Includes our exceptional MTune software for tuning.
Pin compatible with RACE & PRO for easy upgrading.

Selected features

- Aluminium casing
- Internal logging
- 4 extra analog inputs
- 2 extra digital inputs
- Built-in advanced fail safe & warning system
- Launch control
- Traction control
- Anti-lag
- Shift cut
- Flexfuel
- VVT variable valve timing

Detailed list of tech specs and comparison chart at the rear.

Redefining and taking entry level engine management to new limits

MaxxECU SPORT

Advanced entry-level engine control system for up to
6 sequential cylinders.

Faster and easier tuning with built-in wideband lambda and
a built-in MAP-sensor up to 3 bar/43.5 psi of boost.

Get started faster with an easy to configure
superfast Cortex M3 CPU.

Get more modern power to your engine.
MaxxECU SPORT is the most powerful entry level, yet advanced engine control system on the market, offering exceptionally advanced tuning for modern engines with E-Throttle.

Keeping our standards high.
MaxxECU SPORT meets the needs of most tuning masterminds looking for powerful tuning results for modern engines with up to 6 cylinders.
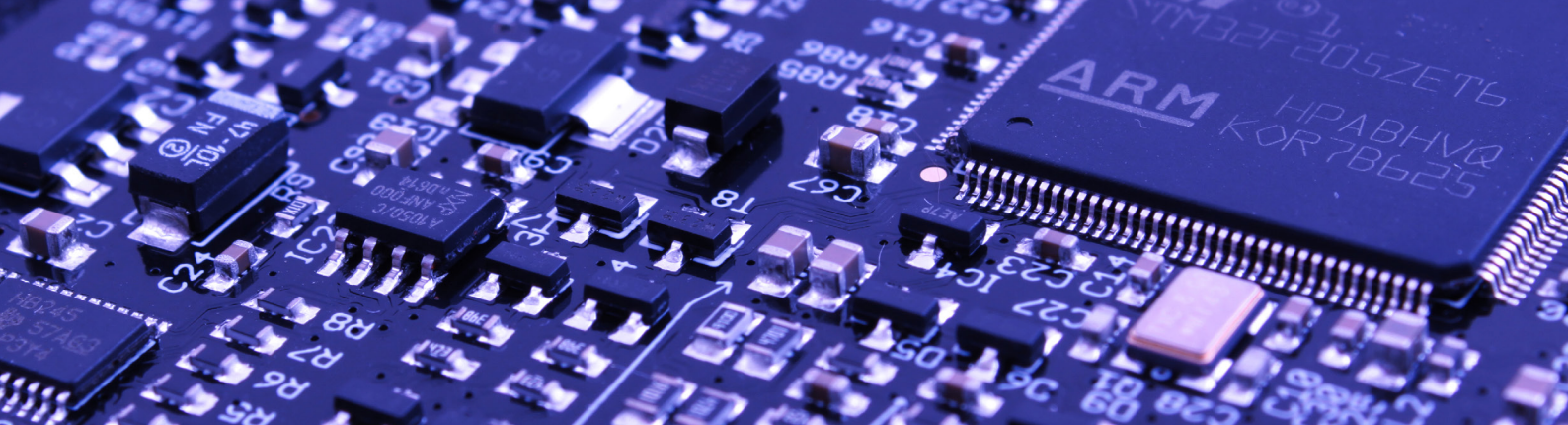
Intuitive tuning software and easy upgrade.
Includes our exceptional MTune software for tuning.
Not pin compatible with STREET/RACE/PRO.

Selected features

- Aluminium casing
- Internal logging
- Bluetooth
- E-Throttle
- 6 extra analog inputs
- 2 extra digital inputs
- Built-in advanced fail safe & warning system
- Launch control
- Traction control
- Anti-lag & Shift cut
- Flex fuel
- VVT variable valve timing

Detailed list of tech specs and comparison chart at the rear.

Get into the serious business of tuning

MaxxECU **RACE**

Extremely versatile engine control system for powerful engines with up to 8 sequential cylinders.

Bluetooth connectivity for real-time wireless monitoring & built-in wideband lambda and MAP-sensor up to 3 bar/43.5 psi of boost.

Get into serious tuning with advanced functions such as built-in E-throttle, 8 EGT, knock control and superfast Cortex M3 CPU.

Dig deeper , get faster
**Designed for tuning masterminds with very demanding customers
that are looking to really get into tuning details.**

Seriously advanced and easily upgraded
**MaxxECU RACE helps you dig really deep with an extended range
of advanced functions, as well as input and output signals.**
Pin compatible with PRO for easy upgrading.

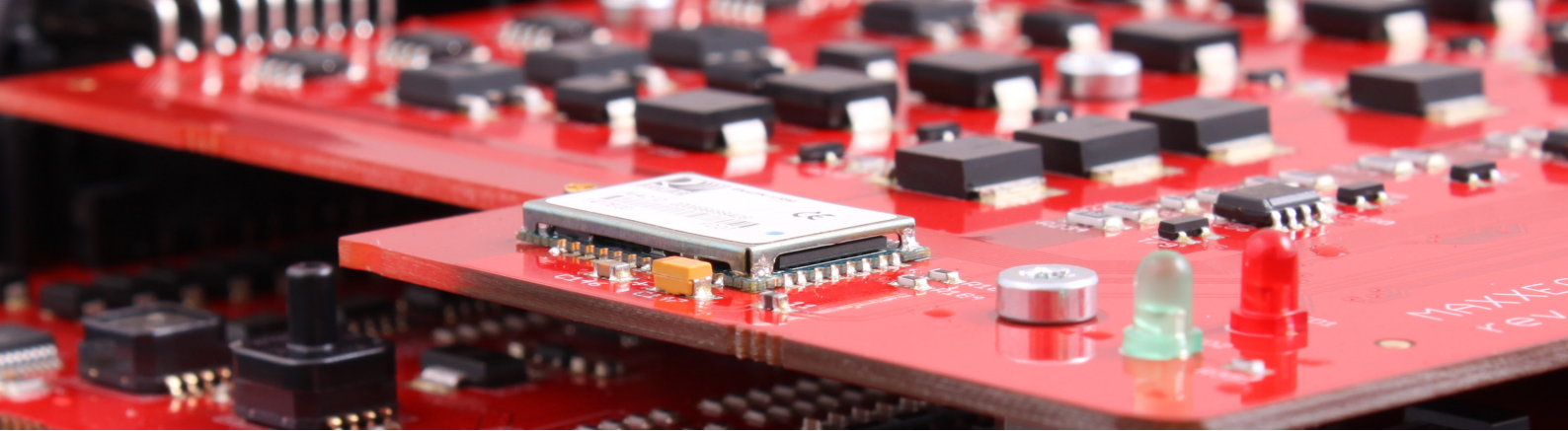## Wireless real-time monitoring & intuitive software
**Includes our easy-to-use MTune software for tuning.
Real-time monitoring & control with our wireless MDash app.**
Pin compatible with RACE & PRO for easy upgrading.

Selected features

- Aluminium casing
- 8 extra analog inputs
- 5 extra digital inputs
  E-Throttle
- Built-in EGT (8)
- Dual knock control
- Auto transmission support
- Advanced warning system
- CAN (ODBII, vehicle CAN)
- Traction control
- Launch control
- Anti-lag
- VVT variable valve timing
- Shift cut

Detailed list of tech specs and
comparison chart at the rear.

What you can't access in our MaxxECU PRO is not worth accessing

MaxxECU **PRO**

Fully waterproof for professional racing in extreme conditions. Fits up to **12 sequential cylinder** engines & includes **16 injector** outputs.

Access and tune just about anything with advanced functions such as integrated dual E-throttle, 12 EGT with a superfast Cortex M3 CPU.

Intuitive tuning with integrated **dual wideband lambda**, MAP-sensor up to 3 bar/43.5 psi of boost and **dual CAN** bus.

Bluetooth connectivity for **real-time wireless** monitoring.

A serious matter of details

For tuning masterminds working with racing professionals looking for the most advanced engine control system, this is it.

Tune like a true mastermind

On the track, winning or losing comes down to details. That's why MaxxECU PRO can access just about any information. Tune to perfection.

Bluetooth real-time monitoring & intuitive software

Includes our easy-to-use MTune software for intuitive tuning and real-time monitoring & control with our wireless MDash app.

Selected features

- Aluminium casing
- 22 extra analog inputs
- 10 extra digital inputs
- Dual E-Throttle
- Dual knock control
- Built-in EGT (12)
- Auto transmission support
- Advanced warning system
- Traction control
- Dual CAN, ODBII
- Launch control
- Anti-lag & Shift cut
- VVT variable valve timing

Detailed list of tech specs and comparison chart at the rear.

www.maxxecu.com

Be a tuning mastermind.
Like us.

Comparison Chart

MaxxECU		STREET	SPORT	RACE	PRO
Max sequential cylinders		6	6	8	12
Max wasted spark cylinders		12	12	16	16
Sensor input: IAT, TPS, CLT		Yes	Yes	Yes	Yes
Built-in MAP-sensor (boost pressure up to 43,5 psi)		Yes	Yes	Yes	Yes
Built-in wideband O2 (LSU 4.2/4.9)		Yes	Yes	Yes	Yes (dual)
Built-in EGT		No	No	8	12
Built-in Bluetooth		No	Yes	Yes	Yes
Trigger inputs (VR/Digital)		2	2	2	2
Extra analog inputs		4	8	8	22
Digital inputs		2	2	5	10
Injector outputs		6 (satu-rated)	6 (high/ low imped-ance)	8 (high/ low imped-ance)	16 (high/ low imped-ance)
Ignition outputs		6	6	8	12
Extra outputs (GND)		5	7	9	18
Extra outputs (+12V)		No	No	2	8
Extra outputs/E-Throttle motor (high/low)		No	2	2	4
E-Throttle output		No	Single	Single	Dual
Internal loggings (max 144 channels)		1000Hz	1000Hz	1000Hz	1000Hz
CAN bus		Single	Single	Single	Dual
ODBII, OEM CAN protocols built-in (VAG,Ford etc)		Yes	Yes	Yes	Yes
VANOS/VVTi support		Yes	Yes	Yes	Yes
Launch & anti-lag		Yes	Yes	Yes	Yes
Built-in knock		No	No	Yes	Yes
Flex fuel		Yes	Yes	Yes	Yes
Auto transmission		No	Yes	Yes	Yes

About MaxxECU
We design state-of-the art engine control units based on Swedish engineering tradition and our long experience from professional dynotuning.

Buy MaxxECU
Visit our website or contact us directly for dealer information.

Contact Us
www.maxxecu.com
+46 382 42 00 50
info@maxxecu.com