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PowerTune Digital is an affordable, easy to use, plug & play digital dash for use with modified and street vehicles!

Real-time digital display

Our 7" HD touch display shows real-time ECU data via CANBUS from the basics such as RPM, speed and battery voltage up to and including any pressures, temperatures or any other sensors connected to the ECU, without any delay or lag. With up to four active dash modes you can customise the look and feel of your display with the flick of a finger!

Data logging + Lap timer

With not only a GPS based lap timer updating at ten times per second (no smartphone lag!) but with a simple touch of the settings the unit can simultaneously act as a data logger and capture and store your ECU data to export for later analysis

Easy to install

PowerTune plugs directly into your ECU canbus port via a simple loom that we provide with your kit. Power and ground are connected to any 12V source as the power supply will automatically step down to 5V, suiting any vehicle globally.

Fully customisable

PowerTune Digital can be customised completely to your liking simply using the touch screen (no computer required!), with custom artwork, themes, colours, on screen warning pre-sets and more!

GoPro integration

With full GoPro integration, you have the ability to overlay your ECU data onto your GoPro footage including speed, RPM and in some cases throttle position.

Accuracy & confidence

With the data coming directly from the ECU, the risk of old, unreliable gauges showing inaccurate information is reduced.

List of supported aftermarket ECUs:

- **Link ECU/ Vi-PEC (canbus)**
G4/Storm/Thunder/Fury/V44-88
- **Haltech (canbus)**
Elite + Platinum pro/sport: all models
- **Motec**
All canbus models
- **AEM**
All canbus models
- **ECU Master**
All canbus models
- **Hondata**
All canbus models
- **Adaptronic**
All canbus models
- **Microtech**
Canbus models ONLY:
LT9C, LT10C, LT15C, LT16C,
- **Apexi Power FC**
All models
- **Nissan Consult V1**
90s Skyline/Silvia/SX
- **Toyota GT86/BRZ/FR-S**
Stock ECU via canbus
- **Emtron (canbus models)**

ECUs in testing: Holley EFI, MaxxECU, canbus support for BARRA & GM stock ECUs





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How does it work?

Most of the magic happens in our custom built software. We have spent several years developing and testing our package and have custom built the hardware to meet the requirements for the job at hand. We have written protocols to talk to major aftermarket ECUs, powered by a quad-core onboard processor and supplying a loom to plug directly into your ECU, after wiring in your power and ground the unit is plug and play and ready to go. Our digital dash ships as a complete kit with everything you need including:

PowerTune Digital software - PowerTune Digital display - 1-3 meter vehicle wire-in power supply - ECU cable (excludes Apexi Power FC) - 12 month warranty



What can it do?

- *Live, real-time display & data logging of ECU data (that's right, no lag!)*
- *Customize to your desired sensor outputs, display themes, preferred RPM and shift light settings*
- *Ability to datalog all readings and output to CSV or XLS for analysis of your drift sessions or time attack trips to work*
- *Integrate ECU data with GoPro footage to overlay driving inputs onto your track videos (requires third party software)*
- *Ability to set visual and audio warnings for readings and sensor states (such as knock, temperature limits, pressure limits)*
- *Ability to make adjustments for speed correction (changed wheel size, inaccurate mechanical gauges)*
- *Ability to run GPS speed for cars with no speed signal + lap timer, updating at ten times per second*



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Frequently asked questions

Q – What are the prices?

A – RRP (\$AUD) for the Street Dash is \$650. RRP for the Track Dash (includes GPS/lap timer) is \$750, shipping charges are extra.

Q - Can I run PowerTune Digital on my Android/Samsung/iPhone/Laptop/Windows tablet?

A - No. PowerTune is demanding software and requires a specific, custom-built Linux environment and purpose-built canbus hardware to perform effectively.

- Q - How is this different to other software packages available on the app store/play store?

- A – PowerTune Digitals software and hardware environment have been built from the ground up to ensure professional grade performance at an entry level price point. Almost all existing software packages only support the OBD2 protocol and do not support talking to aftermarket ECUs over high speed canbus, to really get that level of performance that's quality. There may often also be noticeable lag/performance issues, whereas PowerTune displays data in real time and is a fixed solution that can easily be mounted in a variety of locations across an assortment of vehicles.

- Q - What sensor outputs will I be able to see?

- A – The sensor outputs vary by both car and ECU combination and largely depends on what you have wired into the ecu. In the case of canbus ECUs, whatever you have wired into your ECU we will be able to display. With OBD2, or serial ECUs such as Nissan Consult or Apexi FC, it can vary. For example, some vehicles running a Power FC will see a boost reading (example Supra), however an R33 Skyline with a MAF sensor will not provide a boost reading to the ECU that can be displayed by PowerTune Digital. Over canbus we can display anything, on serial connections (obd2 ect), typically speaking we can always show RPM, speed, temperatures and voltages; with a variety of other sensor outputs available depending on your car and ECU combination, such as boost, oil temp, IAT, throttle position etc.



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