

**SPECIFICATIONS**

**Supported Models:** Nissan 300ZX (Z32)  
**Engine Codes:** VG30DE , VG30DETT  
**Transmission:** Manual only (Automatic not supported)

**Features:** Direct plug and play replacement of the OEM ECU. No rewiring necessary.  
 Uses standard factory sensors.  
 Supports Sequential Injection (peak and hold) and Direct fire ignition.  
 Windows 2000, XP, Vista, Windows 7 compatible software.  
 Real time programming, instant hesitation free adjustment while engine is running.  
 Fully user definable 32 x 32 mapping  
 Tuning via Volumetric Efficiency (VE), Injection time or Lambda Correction (MAF)  
 Diagnostic Trouble Code Storing & Check Engine Light Control (Access through laptop only)  
 Selectable on-board internal MAP sensor rated to 150kPa (up to 1.5 Bar or 22psi boost)  
 Wide-band "auto tuning" using user definable target AFR table  
 USB and CAN Communication Port

**Factory Outputs:**

6 x Fuel Injector outputs	6 x Ignition outputs	Tacho
Boost Control	AC Clutch Relay	Idle Control
Thermo Fan	Check Engine Light	Fuel Pump (Variable Speed)
N-VCT ( Nissan Variable CAM Timing Control)		

**Factory Inputs:**

MAF sensor	Throttle Position Sensor	Knock Detection Sensor
Oxygen sensors	Coolant Temperature sensor	Vehicle Speed Sensor
Fuel Temperature sensor		

**Expansion I/O\*:** **\*Optional auxiliary harness can be purchased Haltech Part # HT040003**

**Configurable for:**

<b>4 x Analogue Voltage Inputs</b> Aux Rev Limiter Brake Pedal Input Flat Shift NOS Enable Fuel Pressure Sensor External Map Sensor (Up to 145psi) Oil Pressure Sensor Wide-band O2 Sensors Exhaust Gas Temperature Sensors	<b>1 x Digital Pulsed Inputs</b> Flex Fuel Composition Sensor Speed Sensors	<b>4 x Digital Outputs</b> Air Temperature Switch Aux Fuel Pump Battery Light Coolant Temperature Switch Generic Duty Output MAP Sensor Switch Nitrous Activation Switch RPM Switch Tacho Output Thermofan 2 Switch Vehicle Speed Switch
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**Functions:**

Dual Bank Closed Loop O2 Control Over Boost Gear Setup Decel Cut	Knock Control Rev Limiter ACF On Base Tables	Long Term Fuel Trim Closed & Open Loop Boost Control Transient Throttle Enhance
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**Correction Tables:**

<b>Fuel</b> Cranking Air Temperature Correction Coolant Temperature Correction Map Correction Cylinder Trim Generic Correction 1* Generic Correction 2* Gear Correction Post Start	<b>Ignition</b> Cranking Air Temperature Correction Coolant Temperature Correction Zero Throttle Cylinder Trim Generic Correction 1* Generic Correction 2* Gear Correction	<b>Boost</b> Air Temp Target Correction Air Temp Duty Correction Coolant Temp Correction Gear Correction TPS Correction Generic Correction*
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\*Generic Correction tables have user definable axis

**Miscellaneous:** Data Logging: 448Kb of on-board data logging, Storage for approx 40 minutes at 10 logs per seconds, 6 channels of data, Max 20 channels logging capability  
 Tune can be password protected in software  
 Rugged anodized aluminum casing

**Power Requirements:**  
**Source:** 8.6 to 16.5 Volts DC  
**Consumption:** 530mA @ 12Volts DC

**Physical Specifications:**  
**ECU Dimensions**

Length:	154mm (174mm with MAP nipple)
Width:	158mm
Height:	42mm
Weight:	680g (1.5 lb)

**Platinum Pro Plug-in Kit Includes:**

- Pro Plug-in ECU
- USB Cable
- Programming Software CD
- Quick Start Guide
- Instruction Manual (on CD)
- Haltech Sticker

