

		FT450	FT550LITE	FT550	FT600
FEATURES	Pro-Nitrous functions	●	●	●	●
	Mac Valve progressive boost control	Advanced	Advanced	Advanced	Advanced
	BoostController	●	●	●	●
	GearController	●	●	●	●
	Active traction control	●	●	●	●
	Customizable sensors parameters	● ^b	● ^b	● ^b	● ^b
INPUTS AND OUTPUTS	Input channels	9	16	22	22
	Configurable inputs	7 ^c	14 ^c	20 ^c	20 ^c
	RPM signal input	Hall - Magnetic (differential)	Hall - Magnetic (differential)	Hall - Magnetic (differential)	Hall - Magnetic (differential)
	Output channels	10	24	32	32
	Configurable outputs	up to 10 (6 ^e +4 ^f)	up to 24 (4 ^h +12 ^e +8 ^f)	up to 32 (8 ^h +16 ^e +8 ^f)	up to 32 (8 ^h +16 ^e +8 ^f)
	Injector outputs	up to 10 ^d (6 ^e)	up to 24 ^d (12 ^e)	up to 32 ^d (16 ^e)	up to 32 ^d (16 ^e)
	Ignition outputs	up to 5 (4 ^f +1 ^g)	up to 12 (8 ^f +4 ^h)	up to 16 (8 ^f +8 ^h)	up to 16 (8 ^f +8 ^h)
DATALOGGER	Datalogger capacity	2h50min ⁱ	2h50min ⁱ	2h50min ⁱ	2h50min ⁱ
	Sample rate	1 ~ 200 Hz	1 ~ 200 Hz	1 ~ 200 Hz	1 ~ 200 Hz
	Configurable rate per channel	●	●	●	●
	Internal datalogger channels	up to 256	up to 256	up to 256	up to 256
HARDWARE	Chassis	Plastic - Redesigned	Plastic - Redesigned	Plastic - Redesigned	Waterproof Aluminum
	Integrated accelerometer and gyroscope sensor	●	●	●	●
	Automotive connector AMP SUPERSEAL 1.0	●	●	●	●
	Programming interface	Touchscreen + PC	PC	Touchscreen + PC	Touchscreen + PC
	Dash Display	TFT 4.3" Color	●	TFT 4.3" Color	TFT 4.3" Color
	FuelTech CAN network	1 - FTCAN 2.0	2 - FTCAN 2.0	2 - FTCAN 2.0	2 - FTCAN 2.0
	PC communication	USB ^k	USB ^k	USB ^k	USB ^k
	Weight	9.5oz / 270g	11.64 oz / 330g	11oz / 309g	20.7oz / 588g
	Dimensions	5.75 x 3.62 x 2.13 in	5.75 x 3.62 x 1.54 in	5.75 x 3.62 x 2.13 in	5.86 x 3.7 x 2.42 in

f. Usually used for ignition control (they also can be set up as injector outputs or auxiliary outputs).

g. When needed, blue output #6 can be used as ignition output #5

h. Usually used for stepper motor, electronic throttle, MSD/M&W and other ignitions activated by 12V.

i. For PowerFT line, the recording time was measured with 24 channels and 25Hz, for the rest of the line it was at 2Hz with the maximum number of channels.

k. PowerFT line use a common mini USB cable (included). The rest of the line demands the FuelTech USB-CAN Converter (sold separately).