

Advanced high-end electronics for 3D Printing



## Key Features

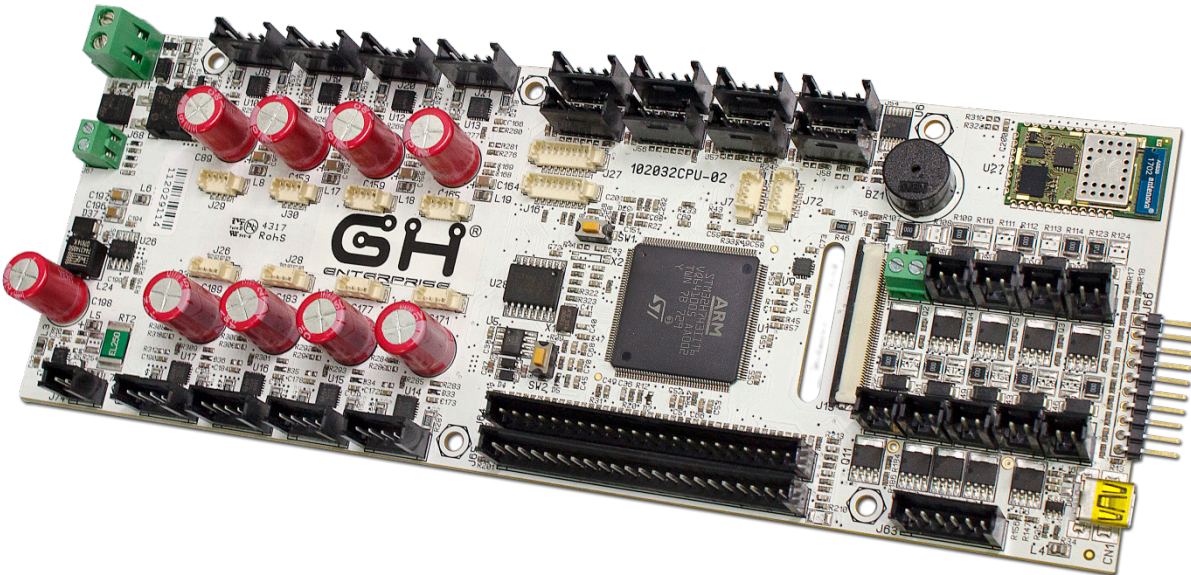
- Professional solution
- High reliability
- Works on CNC, laser cutter, robotic arm

Professional proprietary solution for high-end fused filament fabrication (FFF) 3D printers



- Extremely high accuracy
  - Sub-micron resolution
- Very high-speed printing; up to 1 m/s
- Very high acceleration; up to 2 Gs
- Wi-Fi high speed gcode remote upload
  - Up to 1Mb/s

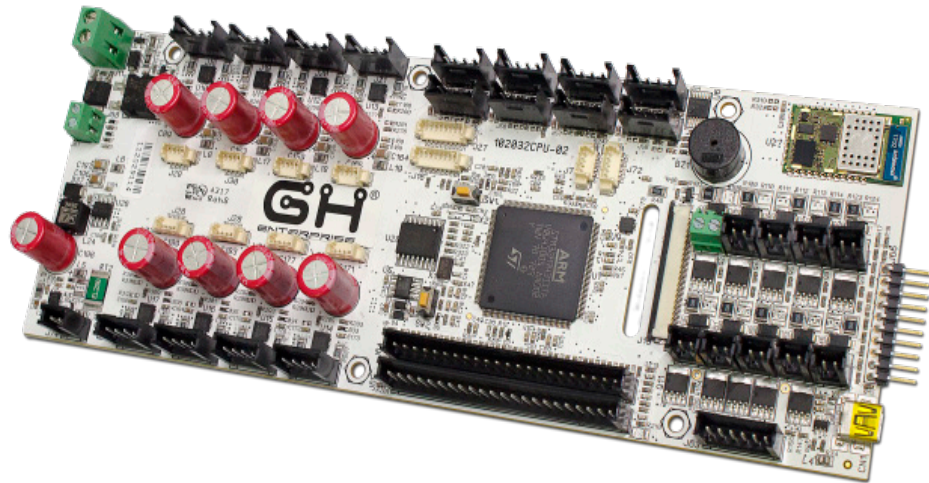
## High performance



- Ultra high accuracy
  - Enabled by the native 256-μstep STSPIN820 driver
- Advanced motion control algorithm
  - Implemented with STM32H743 MCU
- Fully controllable from remote
  - Wi-Fi
- Unique fully integrated UPS system
  - You can resume Print after black out



Ultra high-speed and resolution 3D printing



GH-Enterprise solution

Key Components

STM32H743II  
STSPIN820 (x8)  
SPWF04SA  
ST1S14  
STMPE811QTR  
STD10P6F6  
STPS1545CG-TR  
STPS2L60U  
STPS0520Z (x2)

