



MASTER ATX PSU

# Hydro PTM X PRO

ATX Power Supply



- Complies with latest Intel® power supply design guide
- Efficiency  $\geq 92\%$  @ typical load
- Active PFC  $\geq 0.9$
- 450V, 105°C Japanese bulk capacitors
- Japanese electrolytic capacitors
- Industrial-grade design with conformal coating application
- +12V single-rail design
- +5V & 3.3V DC to DC module design
- Eco semi-fanless fan control switch
- 120mm fluid dynamic bearing (FDB) fan
- Fully modular cabling design
- Black flat cables
- Changeable side stickers for DIY enthusiasts and gamers
- Complete protection: OCP/OVP/OPP/SCP/OTP



## High Power Density

Compared to general high-efficiency & high wattage PSU 190mm length, the Hydro PTM X PRO series delivers high wattage with shorter size of 130mm.

## LLC Topology

The LLC topology allows for zero voltage switching of the main switches thereby dramatically lowering switching losses and boosting efficiency.

## 450V, 105°C

### Japanese Bulk Capacitors

Durable bulk capacitors provide superior reliability under intense current operation environment.



\*The eco semi-fanless fan control switch.

## Eco Semi-fanless Fan Control Switch

Under 30% loading, you will enjoy 0 dBA experience when eco semi-fanless fan control switch is on, and get the benefit of long lifespan from a 120mm fluid dynamic bearing fan.

## Off-Wet, Off-Dust and Off-Stain

The Hydro PTM X PRO series is covered with a conformal coating which protects it from dust, stains, and humidity. It's guaranteed to offer better and reliable performance in harsh environments and is tested to work in environments up to 95% relative humidity.



**450V, 105°C**  
High Durability

## Power Rating

Model	+3.3V	+5V	+12V	-12V	+5Vsb	Total Power
HPT3-850M	20A	20A	70.83A	0.3A	3A	850W
	120W		850W	18.6W		
HPT3-1000M	20A	20A	83.33A	0.3A	3A	1000W
	120W		1000W	18.6W		
HPT3-1200M	20A	20A	100A	0.3A	3A	1200W
	120W		1200W	18.6W		

## Wire Configuration

Model /Cable	Direct Cable / Connector						
	20+4 Pin 600mm	4+4 Pin 700mm*2	PCIe 6+2 Pin 650mm+155mm*2	PCIe 12+4 Pin 700mm	SATA	Molex	Floppy
HPT3-850M	1	2	4	1	12	3	1
HPT3-1000M	1	2	4	1	12	3	1
HPT3-1200M	1	2	4	1	12	3	1

