- **ATX 3.0 with PCIe GEN5**

- **80PLUS® GOLD certified efficiency**

- **Japanese Main Capacitors**

- **LLC Half-Bridge converter with DC to DC technology**

- **Fully modular cable management**

The **CHIEFTEC Polaris 3.0 series** is designed to **Intel's ATX 3.0** standard and supports **PCIe GEN 5** with **80 PLUS® GOLD** certified efficiency, promising exceptional performance. Polaris 3.0 features state-of-the-art technical design including **LLC half-bridge converter with DC-to-DC technology**, as well as **Japanese main capacitors** to achieve low ripple and tight voltage regulation.

The **Polaris 3.0** 135mm FDB silent fan optimizes the balance between cooling and noise with excellent durability. **Fully modular cable management** ensures a clean and convenient build inside any system.
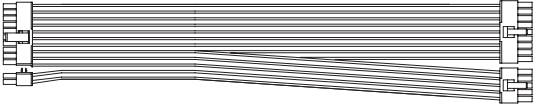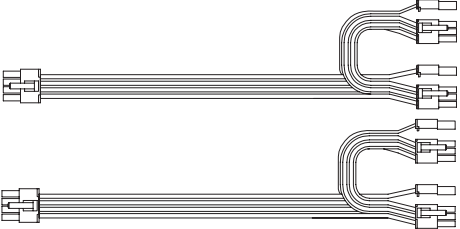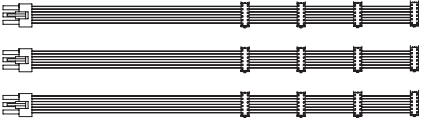
TECHNICAL DATA	
Model	Polaris 3.0 1050W
Articel no.	PPS-1050FC-A3
Specification	ATX 12V 3.0
Form factor	ATX
Efficiency	80 PLUS® GOLD
PFC	Active PFC (0.9)
Fan	135mm FDB fan
Dimension (DxWxH)	160mm x 150mm x 86mm
Security	AFC (Automatic Fan speed Control) OPP (Overload protection) OTP (Over Temperature Protection) OVP (Overvoltage protection) SCP (Short-circuit protection) SIP (Surge & Inrush Protection) UVP (Under Voltage protection) OCP (Over-Current Protection)
Warranty	24 Months

OUTPUT DATA						
PPS-1050FC-A3	AC Input	100-240V~ / 15-8A / 50 - 60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5VSB
	Max. Current	22A	22A	87.5A	0.3A	3.0A
	Max. Combined Power	120W		1050W	3.6W	15W
		1050W				

* The listed specifications may be altered at any point in time without any pre-notice.

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	Cable	Connectors	Length (mm)
	20+4 PIN ATX	1	650
	8 PIN EPS (4+4)	2	2 x 650
	8 PIN PCIe (6+2)	4	2 x 600/100
	16 PIN PCIe GEN5	1	600
	SATA	12	3 x 550/100/100/100
	MOLEX	4	550/100/100/100

Certification

80 PLUS GOLD · TÜV Rheinland CERTIFIED · CE · CB · EAC · interseroh · RoHS LEAD FREE · ErP

Version: 01/2023

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