







Product typeK-T1-250Product typeComputer power supplyFormatTKSeriesUtimateSupply values230 VPower consumption<3 AComputer power supply90 %SeriesGold QBO PLUS confinicateGold QCurrent on the +33 vrail15 ACurrent on the +37 vrail15 ACurrent on the +37 vrail16 ACurrent on the +12 vrail16 APower connector PCIE B pinNonePower connector PCIE B pin<		
FormatTFXIdentifiedUtimateSupply voltage230 VIdentified<30 N		
SeriesUltimateSupply voltage230 VSupply voltage230 VPower consumption<3 A		
Supply votage230 VPower consumption<3 A		
Power consumption< 3 AEfficiency> 80 %6 00 %60 %80 PLUS compatibilityYes6 0d Current on the +3 vrail15 ACurrent on the +3 vrail15 ACurrent on the +12 vrail16 AMaximum load on 12 V line192 WPower connector PCI Maximum power200 WPower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNoneMainboard Power Connector1pcPower connector PCI-E 6 pinNoneMolex connector1pcCurrent Mini-Molex connectorNoneGraund WiteYesVesSCurrent Current		
Efficiency>80 %60 PLUS compatibilityYes60 Gl60 PLUS contribute60 dl80 PLUS certificate60 dl60 Current on the +3.3 vr all15 A61 Current on the +12 vr all16 A62 Current on the +12 vr all16 A62 Current on the +12 vr all16 A63 Current on the +12 vr all16 A64 Current on the +12 vr all16 A64 Current on the +12 vr all16 A64 Current on the +12 vr all16 A65 Current on the +12 vr all16 A66 Current on the +12 vr all16 A66 Current on the +12 vr all16 A67 Current on the +12 vr all16 A68 Current on the +12 vr all16 A68 Current on the +12 vr all16 A69 Current on the +12 vr all16 A60 Current on the +12 vr all16 A61 Current on the +12 vr all16 A62 Current connector PCI-E 6 1/2 inNone63 Current Connector PCI-E 6 1/2 inNone64 Current Current Online Xat connector16 Current64 Current		
80 PLUS compatibilityYes60 GlaGold80 PLUS certificateGold60 Current on the +3.3 viraii15 A61 Current on the +5.1 viraii15 A61 Current on the +2.1 viraii16 A62 Current on the +1.2 viraii16 A62 Current on the +1.2 viraii16 A63 Current on the +1.2 viraii16 A64 Current on the +1.2 viraii16 A76 Current On the Current Or PCI-E 6 piraiiNone76 Current On the Current Or PCI-E 6 piraiiNone76 Current On the F1.2 firaiiActive76 Current On the F1.2 firaiiYes76 Current On the F1.2 firaiiYes76 Current On the F1.2 firaiiActive76 Current On the F1.2 firaiiActive		
B0 PLUS certificateGoldCurrent on the +3.3V rail15.ACurrent on the +3.3V and +5V line80 WMaximum load on +3.3V and +5V line80 WCurrent on the +12V rail16.ACurrent on the +12V rail16.AMaximum load on 12V line92 WMaximum load on 12V line192 WPower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNoneMolex connector1pcMolex connector1pcSATA connector1pcSATA connectorSataSATA connectorSataSATA connectorSataSATA connectorYesSATA connectorYes <td></td> <td>> 80 %</td>		> 80 %
Current on the +3.3V rail15 ACurrent on the +5V rail15 AMaximum load on +3.3V and +5V line80 WCurrent on the +12V rail16 ACurrent on the +12V rail15 AMaximum load on 12V line192 WMaximum load on 12V line192 WMaximum power250 WCurrent on the +12V rail16 AMaximum power250 WMaximum power150 WPower connector PCI-E B10 C (4 + 4-pin)Power connector PCI-E 6 +2 pinNonePower connector PCI-E 6 +2 pinYPower connector PCI-E 6 +2 pinNonePower connector PCI-E 6 +2 pinYPower connector PCI-E 6 +2 pinYPower connector PCI-E 6 +2 pinYPower connector PCI-E 6 +2 pinY		Yes
Current on the +SV railISAMaximum load on +3.3V and +SV line80 WCurrent on the +12V rail16 ACurrent on the +12V rail192 WMaximum load on 12V line290 WMaximum power250 WCurrent on the year network182 C (14Power connector PN power connector PS12V8 pin19c (4 + 4-pin)Power connector PCI-E 6 pinNonePower Connector PCI-E 6 pinYPower Connector PCI		
Maximum load on +3.3V and +5V line80 WCurrent on the +12V rail16 AMaximum load on 12V line192 WMaximum powe250 WPower Connector Power on24-pinPower connector PCI-E 6 pin1pc (4 + 4-pin)Power connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNoneMolex Connector PCI-E 6 pinYMolex Connector PCI-E 6 pinNoneMolex Connector PCI-E 6 pinNoneMole	Current on the +3.3V rail	15 A
Current on the +12V rail16 AMaximum load on 12V line92 WPower Connector50 WPower Connector24-pinPower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 6 pinNoneMolex connectorpower connector PCI-E 6 pinMolex C	Current on the +5V rail	15 A
Maximum load on 12V line192 WMaximum powe250 WPower collEC C14CollEC C14Power connector PCP24-pinPower connector PCP50 (2 + 4-pin)Power connector PCPNonePower connector PCPSataPower connector PCPSataPower connector PCPSataPower connector PCPNonePower connector PCPNonePower connector PCPNonePower connector PCPSataPower connector PCPNonePower connector PCPSataPower connector PCPSataPower connector PCPYesPower connector PCPYesPower connector PCPSataPower connector PCPYesPower connector PCPSataPower connector PCPYesPower connector PCPSataPower connector PCPSata	Maximum load on +3.3V and +5V line	80 W
Image: Product of the state		16 A
Power initedIEC C14Mainboard Power connector2-pinPower connector PC12 6 pin1pc (4 + 4-pin)Power connector PC12 6 pinNonePower connector PC12 7 pinPower connectorPower connector PC12 7 pinPower connectorPower connector PC12 7 pinPower connectorPower connector PC12 8 pinPower connectorProduct colorPower connectorProduct colorPower connectorProduct colorPower connectorProduct colorPower connectorProduct colorPower connectorProduct colorPower connector	Maximum load on 12V line	192 W
Mainboard Power connector24-pinPower connector PC1-E 61201pc (4 + 4-pin)Power connector PC1-E 642NonePower connector PC1-E 8120NonePower connector PC1-E 8120NonePower connector PC1-E 81201pcMolex connector1pcPower connector PC1-E 8120NonePower connector PC1-E 8120YesPower connector PC1-E 81200YesPower connector PC1-E 81200NonePower connector PC1-E 812000NonePower connector PC1-E 812000NonePower connector PC1-E 812000NonePower connector PC1-E 8120000NonePower Connector PC1-E 8120000NonePower PC1-E	Maximum power	250 W
Power connector PCI-E 6 piIp c (4 + 4 pin)Power connector PCI-E 6 piNonePower connector PCI-E 6 piNonePower connector PCI-E 8 piNoneMolex connector1 pcMolex connector1 pcMini-Molex connector3 pcSATA connector3 pcPrec filterActiveActiveSataGround wireYesSATA ConnectorYesSATA ConnectorSommSATA	Power inlet	IEC C14
Power connector PCI-E 6 pinNonePower connector PCI-E 6 pinNonePower connector PCI-E 8 pinNoneMolex connector1 pcMini-Molex connector3 pcsSATA connector3 pcsPFC filterActiveCondectorYesSATA connectorYesSATA connectorYesSATA connectorYesSATA connectorYesSATA connectorYesSATA connectorYesSATA connectorYesSATA connectorYesSATA connectorYesSATA connectorSommSATA connectorSommaticSATA connecto	Mainboard Power Connector	24-pin
Power connector PCI-E 6+2 pinNonePower connector PCI-E 8 pinNoneI power connector PCI-E 8 pin1 pcMolex connector1 pcI power connector Molex connectorNoneI power connector Molex connector3 pcsI power connector PCI-E 8 pinActiveI power connector SATA connector3 pcsI power connector Ground wireYesI power connector OVPYesI power connector OVPYesI power connector OVPYesI power connector OVPYesI power connector connecto	Power connector EPS12V 8 pin	1 pc (4 + 4-pin)
Power connector PCI-E 8 pinNoneMolex connector1 pcMini-Molex connectorNoneMini-Molex connector3 pcsSATA connector3 pcsPredictorKotiveConnectorSesMolex connectorYesMolex connectorYes <td>Power connector PCI-E 6 pin</td> <td>None</td>	Power connector PCI-E 6 pin	None
Molex connector1 pcMini-Molex connectorNoneSATA connector3 pcsPFC filterActiveGround wireYesGround COVPYesPRC filterYesPRC filterYesPRC filterYesPRC filterYesPRC filterYesPRC filterYesPRC filterYesPRC filterYesPRC filterYesPRC filterSommPRC filterSommPrower cable includerNonePower cable includerGalvanized steelProduct coloFarsPRO filterStoroProduct coloFarsProduct coloFarsPr	Power connector PCI-E 6+2 pin	None
Mini-Molex connectorNoneGalanti3 pcsPFC filterActiveGround wireYesGround wireYesPC filterYesGalantiYesPC filterYesPC filterSommPC filterSomm </td <td>Power connector PCI-E 8 pin</td> <td>None</td>	Power connector PCI-E 8 pin	None
SATA connector3 pcsPFC filterActiveGround wireYesVYesPaceYes <td< td=""><td>Molex connector</td><td>1 pc</td></td<>	Molex connector	1 pc
PFC filterActiveI closeYesI closeSomI closeSom </td <td>Mini-Molex connector</td> <td>None</td>	Mini-Molex connector	None
Ground wireYesImage: Constant of the second	SATA connector	3 pcs
VerImage: Constant of the seriesImage: Constant of the series<	PFC filter	Active
OCPYesCOPDYesCOPDYesCOPDYesCOPDYesCOPDYesCOPDSommCOPD <td>Ground wire</td> <td>Yes</td>	Ground wire	Yes
PersonImage: Person <td>OVP</td> <td>Yes</td>	OVP	Yes
OTPYesSCPYesUVPYesFan adjustments80 mmFan adjustmentsAutomaticCable length25 - 53 cmPower cable includedNoneMaterialGalvanized steelProduct colorGreyMTBF10000 h	OCP	Yes
SCPYesUVPYesFan size80 mmFan adjustmentsAutomaticCable length25 - 53 cmPower cable includedNoneMaterialGalvanized steelProduct colorGreyMTBF10000 h	OPP	Yes
UVPYesFan size80 mmFan adjustmentsAutomaticCable length55 - 53 cmPower cable includedNoneMaterialGalvanized steelProduct colonGreyMTBF10000 h	OTP	Yes
Fan size80 mmGalvanticAutomaticCable length25 - 53 cmPower cable includedNoneMaterialGalvanized steelProduct colorGreyMTBF100000 h	SCP	Yes
Fan adjustmentsAutomaticCable length25 - 53 cmPower cable includedNoneMaterialGalvanized steelProduct colorGreyMTBF10000 h	UVP	Yes
Cable length25 - 53 cmPower cable includedNoneMaterialGalvanized steelProduct colorGreyMTBF10000 h	Fan size	80 mm
Power cable includedNoneMaterialGalvanized steelProduct colorGreyMTBF10000 h	Fan adjustments	Automatic
MaterialGalvanized steelProduct colorGreyMTBF100000 h	Cable length	25 - 53 cm
Product color Grey MTBF 100000 h	Power cable included	None
MTBF 100000 h	Material	Galvanized steel
	Product color	Grey
Temperature 5 - 50 °C	MTBF	100000 h
	Temperature	5 - 50 °C

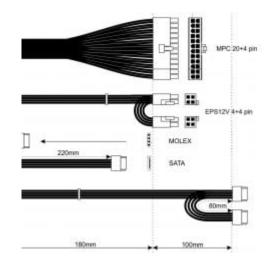
3		
	Package	Foil
	Product size (L x W x H)	175 x 85 x 65 mm
	Package size (L x W x H)	252 x 110 x 68 mm
	Net weight	836.4 g
	Gross weight	846.4 g
	CE compatibility	Yes
	FCC compatibility	No
	RoHS compatibility	Yes
	REACH compatibility	Yes
	EAN code	5901720135612
	Warranty	24 months







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Description

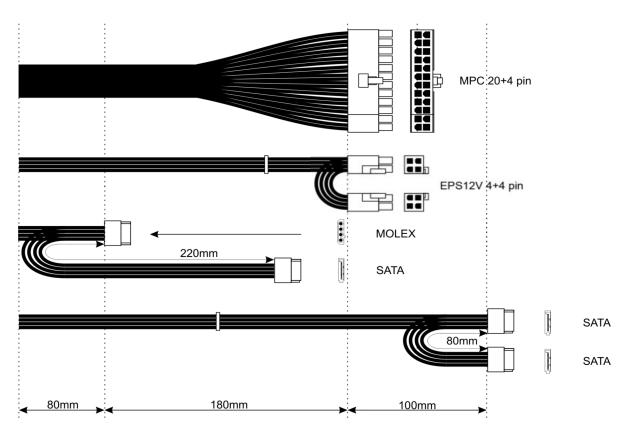
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The **Akyga AK-T1-250 TFX** power supply **250W** is an advanced, compact power adapter dedicated to mini and media PC systems. It supports all the latest construction standards, ensuring high performance and stability.

The power supply features a **4-pin** connector, **MOLEX** connector, **3 x SATA** connector and universal **24-pin** motherboard connector. A guarantee of high efficiency is the **80 PLUS** compatibility which ensures that **at least 80%** of energy provided by the power supply is received by computer's components and a maximum of 20% of energy is lost in the form of heat. High efficiency allows effective supplying and so the stable operation of the power supply affects the reliability of all components of the computer. Effective cooling is provided by efficient, silent fan of **8 cm** diameter. The power supply is ideal for small and medium-sized cases thanks to optimized **36 cm** long set of cables. Product is made of durable galvanized steel.

An important aspect is the presence of several important protectors (OVP, OCP, OPP, OTP, SCP, UVP) and **active PFC filter** that protects and prevents motherboard, processor and other parts from damage and stabilize the operation of the power supply so that it works without any unwanted interference. The TFX **AK-T1-250** power supply is a high quality product that meets the current requirements and corresponds to modern standards.

Cable map



Nameplate



Professional Power Supply Solutions

AC INPUT	230V / 50Hz / 2A					
DC OUTPUT	+3,3V	+5V	+12V	-12V	+5VSB	
MAX CURRENT	15A	15A	16A	0,5A	2.5A	
MAX COMBINED	80W		192W	6W	12,5W	
TOTAL POWER			250W			

CAUTION!

Do not remove this cover. Trained service personnel only. No user serviceable parts inside.











Made in China