Efficient 300W Power Supply Shuttle XPCs SG41J1 and SH55J2

XPC Accessory
PC61J

The Shuttle XPC Accessory PC61J is a new high-end power supply with a maximum output wattage of 300W suitable for the Shuttle XPCs SG41J1 series and SH55J2. With a low noise level, it is ideal for use in any noise-sensitive environments such as a library and offices. Thanks to its 80 PLUS Bronze certification for power-efficient devices, this power supply is also suitable for ENERGY STAR® compliant systems. Benefit from less power consumption and less energy costs using PC61J.

Feature Highlight

Input	• Input Voltage: 100~240V AC • Input Current: 6A / 3A (115/230V AC) • Frequency: 60~50 Hz • Active PFC (Power Factor Correction)
Output	• Total combined output (3.3/5/12V): 300W • Total combined output (3.3/5V): 80W • Max. Current: +12V1: 16A / +12V2: 16A / +3.3V: 12A / +5V: 15A / +5VSB: 2A (Standby) / -12V: 0.3A • Protection: OTP/OPP/UVP/OCP/SCP/OVP • +5V Standby voltage: 2A
Energy efficiency	• 80PLUS Bronze compliant: the PSU provides at least 82/85/82% efficiency at 20/50/100% load. aligns to the power supply requirements of Energy Star 4.0
Connectors	• Mainboard ATX 4 pin (12V) + 20 pin • 3x S-ATA, 2x Molex, 1x FDD, PCIe 6 pin • Cable length designed for the XPC
Environ-mental	• Operating Temperature: 10~50°C • Storage Temperature: -40~70°C • MTBF: >100.000 hours (75% load, 25°C)
Safety/EMI	• EMI/RFI: FCC class B, CE, BSMI, CCC • Safety: cUL, TÜV, CB, BSMI, CCC
Other	• Dimension: 200 x 82 x 53 mm (l x w x h) • Weight: 1.1kg net, 1.2kg gross
Compatibility	• Supported Shuttle XPC models: SG41J1 series und SH55J2

ATX
20 pin

ATX 12V
4 pin

6 pin
PCIe X16

1x
Floppy

2x
Molex

3x
S-ATA

Order number: POC-PC61J
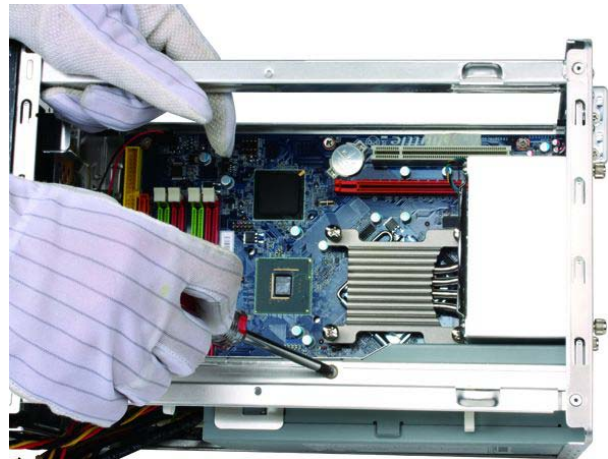
Easy installation of PC61J

① Place the power supply in position. Secure from the back with three Phillips head screws.

② Feed the HDD cable through the reverse hole as shown and attach to storage devices.

③ Attach the 20-pin ATX and 2x2-pin (or 1x4-pin) power supply plugs to the mainboard.

④ Finally, secure again from top with Phillips head screw.

Images are for illustration purpose only.

Power Supplies for XPCs with J-Chassis

Power Supply	PC41J	PC61J	PC63J
Output wattage	250W	300W	500W
Efficiency logo	Standard	80 PLUS Bronze	80 PLUS Bronze
Additional power connectors for graphics cards	Not available	6 pin (75W)	6 pin (75W) and 6+2 pin (150W)
Compatible Shuttle XPCs	• Standard-power supply for **SG41J1-Series**	• Upgrade kit for **SG41J1-Series** • Standard-power supply for **SH55J2**	• Upgrade kit for **SG41J1-Series** and **SH55J2** • Standard-power supply for **SX58J3**

Please refer to the support list for detailed graphics card support information.