

Zalman P10

Zalman P10 Micro ATX Case Instruction Manual

Model: P10

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Zalman P10 Micro ATX PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe usage. Retain this manual for future reference.



Figure 1.1: Zalman P10 Micro ATX Case showcasing its panoramic tempered glass panels and internal component visibility.

2. SAFETY INFORMATION

- Always disconnect power from all components before installation or maintenance.
- Handle tempered glass panels with care to prevent breakage.
- Keep small parts and packaging materials away from children.
- Ensure proper grounding of your power supply unit.
- Avoid placing the PC case in direct sunlight or near heat sources.

3. PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- Zalman P10 Micro ATX Case (Black)

- 1 x 120mm ARGB Shark Fin Blade Fan (pre-installed)
- Accessory Box (screws, cable ties, standoffs, user manual)

4. PRODUCT FEATURES

- **Panoramic View:** Frameless tempered glass front and side panels offer an unobstructed view of internal components.
- **Compact Micro-ATX Form Factor:** Designed for efficient space utilization while supporting powerful hardware.
- **Pre-Installed ARGB Fan:** Includes one 120mm ARGB Shark Fin Blade fan for cooling and customizable lighting.
- **Enhanced Cable Organization:** Optimized layout with ample space for tidy cable management.
- **Front I/O Ports:** Features USB Type-C, USB 3.0, and audio jacks for convenient connectivity.
- **GPU Anti-Sag Support:** Integrated support bracket to prevent GPU sag.



Figure 4.1: Overview of the Zalman P10's primary features and dimensions.

4.1. Tool-Free Tempered Glass Panels

The front and side tempered glass panels are designed for effortless removal, providing quick and easy access to your PC components without the need for tools. A groove fixing structure at the bottom ensures secure panel placement.

TOOL-FREE TEMPERED GLASS PANELS

Effortlessly remove front and side panels
for hassle-free access to PC components.



Simplified panel handling with a groove fixing structure
located at the bottom of the tempered glass.

Figure 4.2: Illustration of the tool-free tempered glass panel removal process.

4.2. Streamlined Cable Management

The case interior is engineered with an optimized layout to facilitate cable routing, ensuring a clean build and improved airflow. Dedicated channels and tie-down points are provided behind the motherboard tray.

STREAMLINED CABLE MANAGEMENT



Figure 4.3: Detailed view of the cable management features within the Zalman P10 case.

4.3. Zalman AF120 Shark Fin Blade Fan

The pre-installed Zalman AF120 Annular Fan features a unique shark fin blade design, engineered to minimize airflow resistance and reduce operational noise compared to conventional cooling fans. It offers customizable ARGB lighting via a 3-pin header connection.

ZALMAN AF120 SHARK FIN BLADE FAN

Distinguished by its unique design, the Zalman AF120 Annular Fan minimizes airflow resistance, resulting in reduced operational noise compared to standard cooling fans.



FAN SPEC:

Dimensions : 120 x 120 x 26(T)mm
Rated Voltage : 12V DC / LED : 5V DC
Fan Speed : 600~2,000RPM $\pm 10\%$
Bearing Type : Hydro Bearing
Connector : PWM 4pin / 5V 3pin (ARGB)



Figure 4.4: The Zalman AF120 fan, highlighting its design and technical specifications.

4.4. Front I/O Ports

The top panel of the case provides easily accessible input/output ports for your peripherals and audio devices.

- Power Button
- Reset Button
- Power LED Indicator
- Microphone Jack
- Headphone Jack
- USB 3.0 Port
- USB Type-C Port

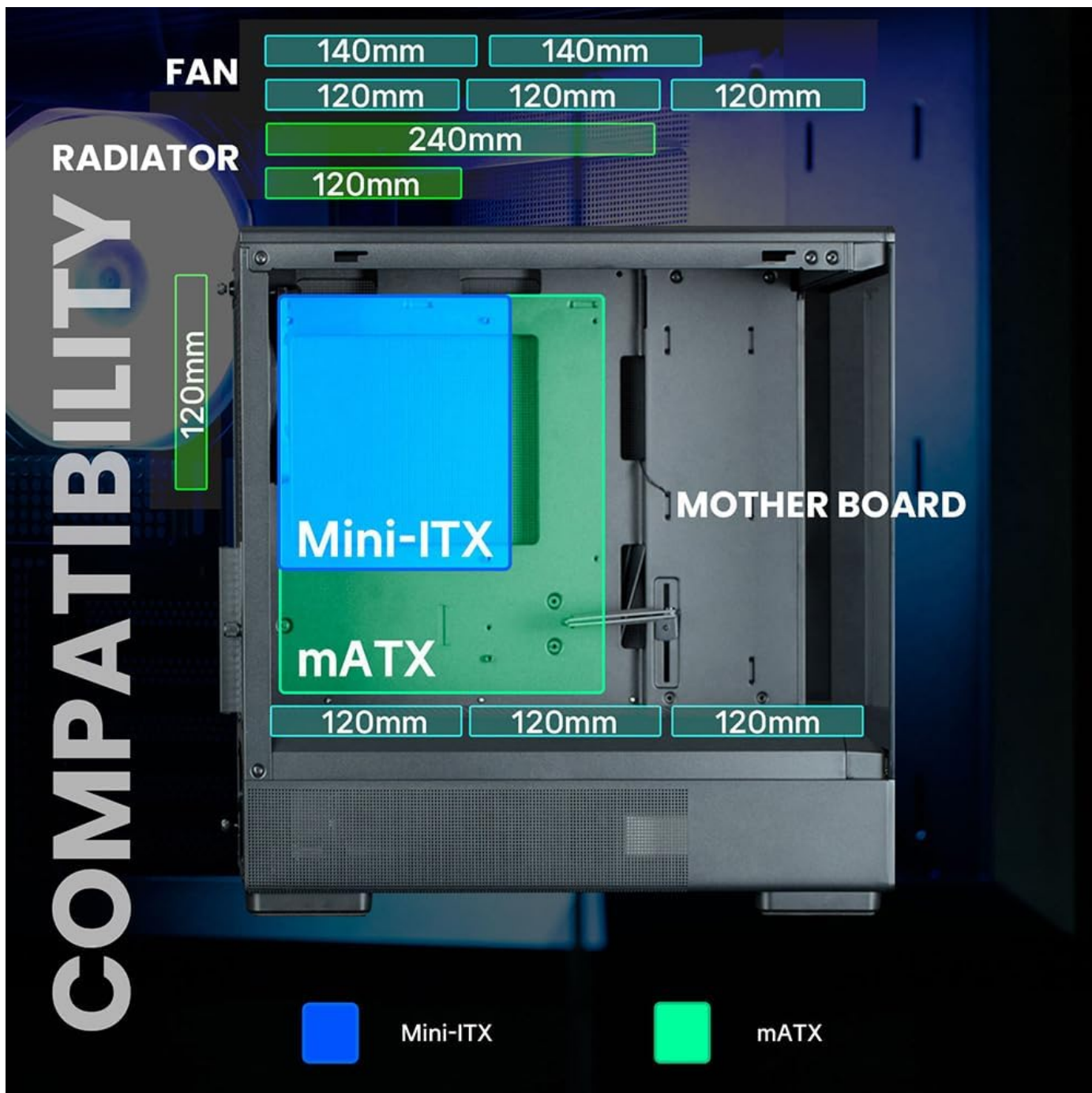


Figure 4.5: Front I/O port layout and labeling.

4.5. GPU Anti-Sag Support

An adjustable GPU anti-sag support bracket is integrated into the case design to provide stability for heavy graphics cards, preventing potential damage to the PCIe slot and GPU over time.

GPU ANTI-SAG SUPPORT

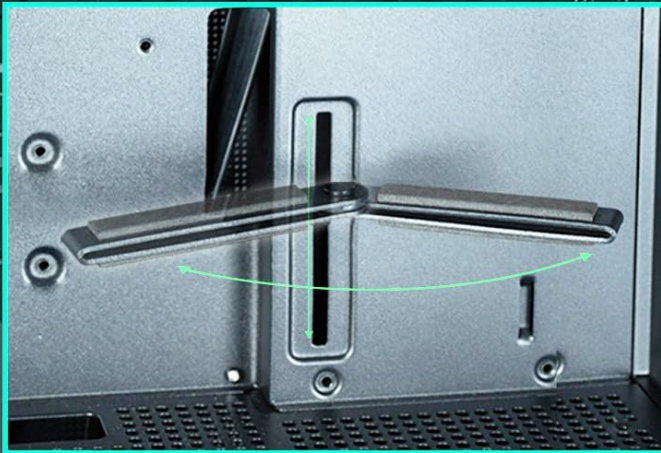


Figure 4.6: GPU anti-sag support bracket in the Zalman P10.

5. SETUP AND INSTALLATION

5.1. Component Compatibility

The Zalman P10 case supports Micro ATX and Mini-ITX motherboards. Please ensure your components adhere to the following maximum dimensions:

- **Motherboard Compatibility:** Micro ATX, Mini-ITX
- **CPU Cooler Height:** Up to 173mm
- **PSU Length:** Up to 175mm
- **GPU Clearance:** Up to 384mm



COMPATIBILITY

PLEASE CHECK YOUR MOTHERBOARD SIZE
BEFORE BUYING



**MICRO ATX (MATX)
MINI-ITX (ITX)**

YES



**ATX
OR BIGGER (E-ATX)**

NO

zalman P10

PREMIUM MATX PC CASE

Figure 5.1: Motherboard form factor compatibility.

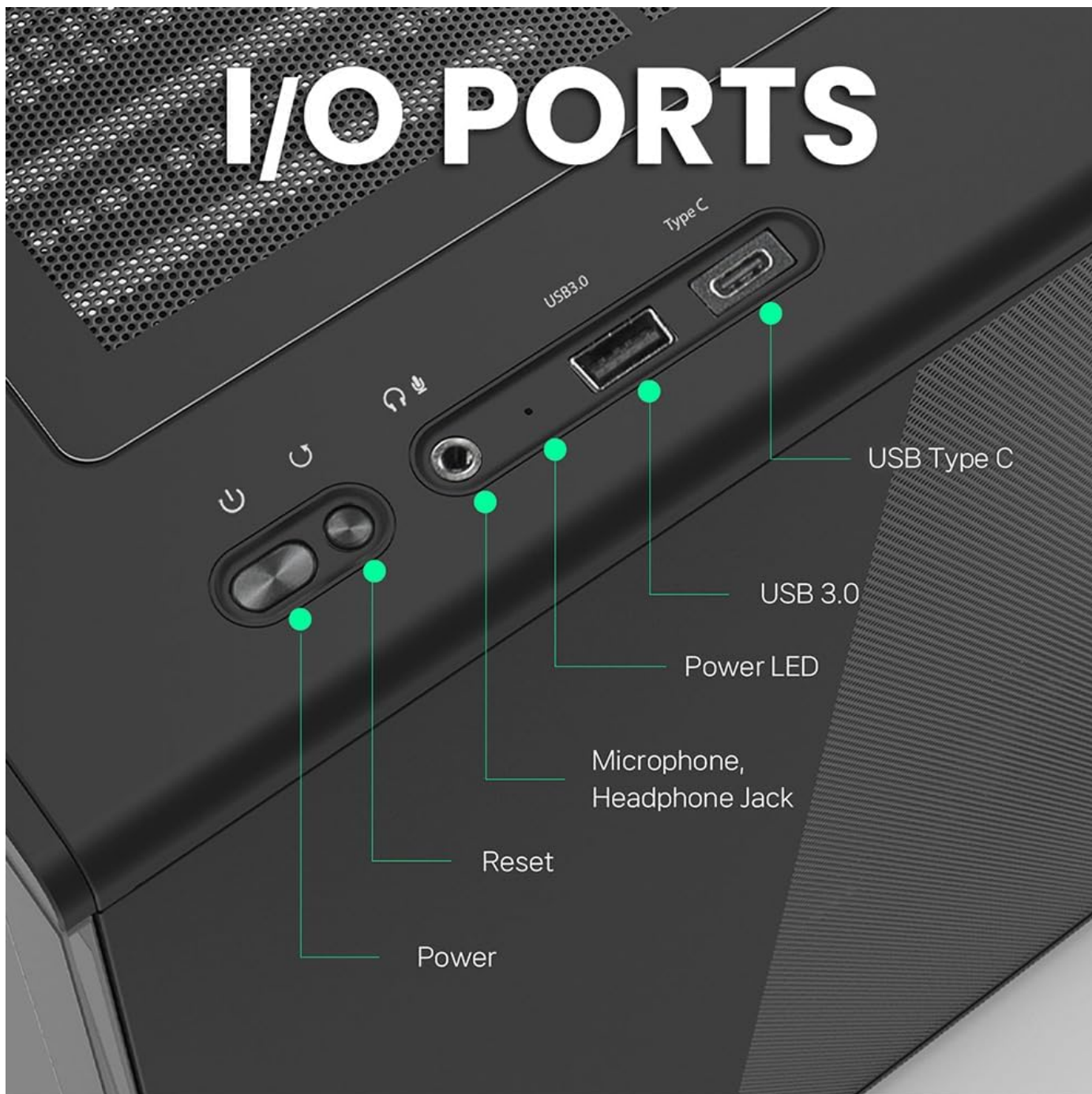


Figure 5.2: Fan and radiator compatibility for top, rear, and bottom mounts.

5.2. Fan and Radiator Support

The case offers flexible cooling options:

- **Top Fan Support:** 3 x 120mm or 2 x 140mm
- **Rear Fan Support:** 1 x 120mm (120mm ARGB fan pre-installed)
- **Bottom Fan Support:** 3 x 120mm
- **Top Radiator Support:** 1 x 120mm or 240mm
- **Rear Radiator Support:** 1 x 120mm

5.3. General Installation Steps

1. Remove the tempered glass panels by gently lifting them from the bottom groove and detaching them.
2. Install the motherboard onto the pre-installed standoffs. Secure with screws.
3. Mount your power supply unit in the designated rear compartment.

- 4. Install storage drives (HDDs/SSDs) in their respective bays.
- 5. Install expansion cards (GPU, etc.) into the PCIe slots. Adjust the GPU anti-sag support if needed.
- 6. Connect all necessary cables (power, data, front I/O). Utilize the cable management routes for a clean setup.
- 7. Install additional fans or radiators as desired.
- 8. Reattach the tempered glass panels.

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Video 5.3.1: An overview of the Zalman P10 Micro ATX Gaming PC Case, demonstrating its features and internal layout for component installation.

6. OPERATING INSTRUCTIONS

After successful assembly, connect your monitor, keyboard, mouse, and power cable. Press the power button on the top I/O panel to start your system. The pre-installed ARGB fan will illuminate, and its lighting can be controlled via your motherboard's ARGB software (if connected to a compatible header) or a separate ARGB controller (not included).

7. MAINTENANCE

- **Cleaning:** Regularly clean dust filters and internal components using compressed air. Wipe tempered glass panels with a soft, lint-free cloth and a mild glass cleaner.
- **Airflow:** Ensure that all fan vents are unobstructed to maintain optimal airflow and cooling performance.
- **Cable Management:** Periodically check cable routing to ensure no cables are interfering with fan blades or obstructing airflow.

8. TROUBLESHOOTING

- **System Not Powering On:** Verify all power connections (PSU to motherboard, CPU, GPU, front panel headers). Ensure the power supply switch is in the 'ON' position.
- **Fans Not Spinning/ARGB Not Working:** Check fan and ARGB connections to the motherboard or controller. Ensure correct header types are used (e.g., 3-pin ARGB vs. 4-pin RGB).
- **Overheating:** Confirm all fans are installed correctly and spinning. Ensure adequate intake and exhaust airflow. Check CPU cooler and GPU cooler installation.
- **Loose Panels:** Re-seat tempered glass panels firmly into their bottom grooves and ensure they are properly aligned.

9. SPECIFICATIONS


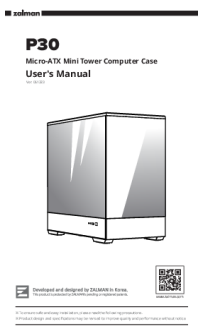
Feature	Specification
Brand	Zalman
Model Name	P10
Case Type	Mini-Tower
Motherboard Compatibility	Micro ATX, Mini-ITX
Color	Black
Material	Alloy Steel, Plastic, Tempered Glass
Item Weight	13.4 pounds



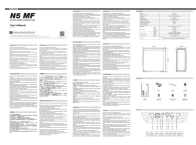
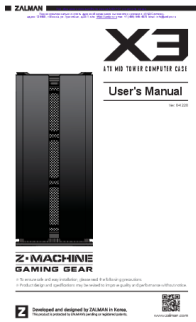
Feature	Specification
Product Dimensions (LxWxH)	16.46 x 8.5 x 16.61 inches
Number of USB 3.0 Ports	1
Number of USB Type-C Ports	1
Pre-installed Fans	1 x 120mm ARGB (Rear)
CPU Cooler Height Limit	173mm
PSU Length Limit	175mm
GPU Clearance	384mm
Cooling Method	Air, Water

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Zalman website or contact your local retailer. Keep your proof of purchase for warranty claims.

Related Documents - P10

	<p>Zalman I3 Neo TG ATX PC Case User Manual</p> <p>Comprehensive user manual for the Zalman I3 Neo TG ATX PC Case. This guide details specifications, features, and installation instructions for the white tempered glass chassis equipped with RGB lighting, multiple drive bays, and front USB 3.0 connectivity.</p>
	<p>Zalman P30 Micro-ATX Mini Tower Computer Case User's Manual</p> <p>User manual for the Zalman P30 Micro-ATX Mini Tower Computer Case, detailing installation precautions, specifications, component list, and step-by-step assembly instructions.</p>

	<p>Zalman K1 Rev.B ATX Mid Tower Computer Case User Manual</p> <p>Comprehensive user manual for the Zalman K1 Rev.B ATX Mid Tower computer case, detailing specifications, installation steps, precautions, I/O port functions, RGB control, and warranty information.</p>
	<p>Zalman Z7 NEO ATX Mid Tower User Manual Installation Guide</p> <p>Comprehensive user manual and installation guide for the Zalman Z7 NEO ATX Mid Tower PC case. Learn about precautions, specifications, accessories, and step-by-step assembly instructions.</p>
	<p>Zalman N5 MF ATX Mid-Tower Computer Case User Manual</p> <p>Comprehensive user manual for the Zalman N5 MF ATX Mid-Tower Computer Case, detailing installation steps, precautions, technical specifications, accessories, I/O ports, and warranty information.</p>
	<p>Zalman X3 ATX Mid-Tower Computer Case User Manual</p> <p>Comprehensive user manual for the Zalman X3 ATX Mid-Tower computer case. Details installation steps, technical specifications, accessories, I/O ports, RGB LED controller, fan specs, and warranty information for PC builders.</p>

Obudowa **P10** MicroATX Mini Tower biala Indeks: 543518 Producent: Zalman Kod producenta: **P10** White Cena: 225.42 zł Opis Obudowa **P10** MicroATX Mini Tower biala Producent: Zalman Wlaciwoci Opis Typ obudowy Mini Tower Format obudowy Mini ITX Format obudowy Micro ATX Panel boczny Szkło hartowane Podświetlen...
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Price guide

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Electronics Computer	Electronic Whiteboards	Electronics
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Gadgets	Home Automation	Graphics cards
IBM Thinkpads & Booklaptops	Health safety and hygiene	Home Automation / Smart Home
Input devices	IT and peripherals & cables	Laptops
LED Backlight, eye lighting	Mobile systems / Mobile phones / MP3 / DVD	Monitors
Monitors	Network	Networks / ADSL
Mousebells and Keys	Multi-CO addition cards	Networks
Mousebells and Keys	Network	Networks / ADSL / ADSL
Mousebells	Office furniture & supplies	Printer / Printers
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