MuxMeet Mini-PC-1
Operation Manual
(500823)
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1. Safety Precautions

To ensure the best performance from the product, please read all instructions carefully before using the device. Save this manual for future reference.

- Follow basic safety precautions to reduce the risk of fire, electrical shock, and injury.
- Do not dismantle the housing or modify the module. It may result in electrical shock or burns.
- Do not open or remove the housing of the device as you may be exposed to dangerous voltage or other hazards.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture and do not install this product near water. Keep the product away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on the housing, unplug the module immediately.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Using supplies or parts not meeting the product specifications may cause damage, deterioration or malfunction.
- Refer all servicing to qualified service personnel.
- Install the device in a place with adequate ventilation to avoid damage caused by overheating.
- Unplug the power when left unused for a long period of time.
- Information on disposal of devices: do not burn or mix with general household waste, please treat them as normal electrical waste.

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2. Introduction

Despite its small size, MuxMeet Mini-PC-1 (model: 500823) offers incredible versatility as it is equipped with an 8th generation Intel Core i5 processor, 8GB DDR4 RAM, 128GB SSD, one HDMI 2.0 port, one DP port, four USB 3.0 ports, four USB 2.0 ports, two Gb LAN ports, and a video card Intel HD Graphics 620, the MuxMeet Mini-PC-1 is a great solution when performance needs are high, but space requirements are tight.

The MuxMeet Mini-PC-1 features a die-cast aluminum chassis that protects the system from the rigors of the environment such as dust or dirt, making it durable enough for heavy-duty work but also eye-catching enough for home and office, the MuxMeet Mini-PC-1 is built to last no matter what the working conditions.
3. Features

- Processor Intel Core i5-8250u
- Memory 8GB DIMM DDR4
- Storage 128GB SSD
- Video Intel UHD Graphics 620
- Audio Intel High Definition
- Operating System Windows 10
- HDMI and DP ports
- Black color PVP top and aluminum alloy body

4. Package Contents

- One (1) MuxMeet Mini-PC-1
- One (1) Power Supply
- One (1) Cable
- Four (4) mounting screws
- One (1) User manual (available via download)

Notes: Confirm that the product and accessories are all included. If not, please contact the supplier from which you purchased the unit.
5. Appearance and Interface

Front
F1: Power supply socket (12V DC IN)
F2: DP display ports (1 piece)
F3: HDMI display ports (1 piece)
F4: RJ45 Gigabit LAN ports (2 pieces)
F5: USB 3.0 ports (2 pieces)

Rear
R1: MIC
R2: SPK
R3: USB 2.0 ports (4 pieces)
R4: Type-C USB3.0 (1 piece)
R5: USB 3.0 ports (2 pieces)
R6: Power On/Off Switch

6. Specifications

<table>
<thead>
<tr>
<th>System</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Onboard Intel Core i5-8250u</td>
</tr>
<tr>
<td>TDP</td>
<td>15W</td>
</tr>
<tr>
<td>Motherboard</td>
<td>140 x 130mm customized size</td>
</tr>
<tr>
<td>Memory</td>
<td>2 x SO-DIMM DDR4 Slot, Supports 4GB/8GB/16GB/32GB DDR4-2133/2400</td>
</tr>
<tr>
<td>OS</td>
<td>Windows 10</td>
</tr>
<tr>
<td>PXE</td>
<td>Yes</td>
</tr>
<tr>
<td>Audio</td>
<td>Intel High Definition Audio Controller</td>
</tr>
<tr>
<td>Network</td>
<td>1 x Onboard Intel Ethernet Connection I219-LM</td>
</tr>
<tr>
<td></td>
<td>1 x Onboard Realtek RTL8168/8111/8112 Gigabit Ethernet Controller</td>
</tr>
<tr>
<td></td>
<td>10/100Mbps/1000Mbps BaseT LAN</td>
</tr>
<tr>
<td>Video</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td><strong>Wi-Fi</strong></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Module</td>
<td></td>
</tr>
<tr>
<td>1 x M.2 NVME/NGFF slot for Wi-Fi module</td>
<td></td>
</tr>
<tr>
<td>Antenna</td>
<td></td>
</tr>
<tr>
<td>2 x inner RF cables and without external antenna</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Input/Output ports</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch</td>
</tr>
<tr>
<td>1 x Power On/Off Switch</td>
</tr>
<tr>
<td>Power</td>
</tr>
<tr>
<td>1 x Power in</td>
</tr>
<tr>
<td>USB</td>
</tr>
<tr>
<td>4 x USB 2.0, 4 x USB 3.0</td>
</tr>
<tr>
<td>USB-C</td>
</tr>
<tr>
<td>1 x Type-C USB 3.0</td>
</tr>
<tr>
<td>Display</td>
</tr>
<tr>
<td>1 x DP, 1 x HDMI 2.0</td>
</tr>
<tr>
<td>LAN</td>
</tr>
<tr>
<td>2 x RJ45 Giga LAN</td>
</tr>
<tr>
<td>Audio</td>
</tr>
<tr>
<td>1 x MIC, 1 x SPK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Storage</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>MSATA</td>
</tr>
<tr>
<td>1 x M.2 slot for NGFF/NVME SSD, support 6Gb/s</td>
</tr>
<tr>
<td>SATA</td>
</tr>
<tr>
<td>1 x SATA 3.0 slot for SATA HDD or SSD, support 6Gb/s (no space to install)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Product Dimension &amp; Details</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (DxWxH)</td>
</tr>
<tr>
<td>5.90” x 5.39” x 1.96” (150mm x 137mm x 50mm)</td>
</tr>
<tr>
<td>Weight</td>
</tr>
<tr>
<td>Net 0.65kg, Gross 1.15kg</td>
</tr>
<tr>
<td>Shell</td>
</tr>
<tr>
<td>Black color PVP top and aluminum alloy body</td>
</tr>
<tr>
<td>Cooling Mode</td>
</tr>
<tr>
<td>With a copper cooling fan</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Other</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
</tr>
<tr>
<td>0° - 70° Centigrade</td>
</tr>
<tr>
<td>Relative Humidity</td>
</tr>
<tr>
<td>10%~85%</td>
</tr>
<tr>
<td>Warranty</td>
</tr>
<tr>
<td>2 years</td>
</tr>
<tr>
<td>Order Information</td>
</tr>
<tr>
<td>500823 MuxMeet Mini-PC-1 (UPC: 627699008232)</td>
</tr>
<tr>
<td>Package Content</td>
</tr>
<tr>
<td>1 x Mini-PC, 1 x Power Adapter, 1 x Power Cord, 4 x mounting screws, 1 x User Manual (available via download)</td>
</tr>
</tbody>
</table>
7. Using the mounting screws

1. Prepare the mounting screws

![Mounting screws](image1)

2. Check that the screw holes on the MuxMeet Mini-PC-1 have clear access.

![Screw holes](image2)

3. Install the screws on the back of the screen.

![Screws installation](image3)
4. Mount the MuxMeet Mini-PC-1

8. Typical Application
9. Troubleshooting

The following table describes some of the symptoms and possible solutions regarding the MuxMeet Mini-PC-1.

<table>
<thead>
<tr>
<th>symptom</th>
<th>Probable cause</th>
<th>Possible solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Image</td>
<td>• No power or wrong power supply</td>
<td>Check power connections</td>
</tr>
<tr>
<td></td>
<td>• HDMI or DP cable</td>
<td>Check the HDMI and/or DP cable</td>
</tr>
<tr>
<td>Flickering Image</td>
<td>• Synchronization</td>
<td>Check the HDMI or DP Cable</td>
</tr>
</tbody>
</table>

If you still cannot diagnose the problem, please call MuxLab Customer Technical Support at 877-689-5228 (toll-free in North America) or (+1) 514-905-0588 (International).