SMARTCASE™ S520
Chassis Kit Solution

Industrial chassis incl. specific heatsink for enhanced operating temperature range

- Ultra-Compact Design
- 36 x 147 x 165 mm
- Front & Rear USB
- Horizontal or Vertical Operation
- VESA- and Wall Mount Option
## TECHNICAL INFORMATION

### CHASSIS DATA

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Colours</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 x 147 x 165 mm (W x H x D)</td>
<td>black</td>
<td>~ 0.4 kg</td>
</tr>
</tbody>
</table>

### ENVIRONMENTAL CONDITIONS

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 °C - 40 °C*</td>
<td>5% - 85% relative humidity (non-condensing)</td>
</tr>
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</table>

### APPROVALS & CERTIFICATIONS

<table>
<thead>
<tr>
<th>EMC</th>
</tr>
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<tbody>
<tr>
<td>CE Class B, Industrial Immunity (EN 61000-6-2), FCC Class B (verified)</td>
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</tbody>
</table>

### PACKAGE CONTENT

- Chassis desk stand (vertical mode, removable)
- Rubber feet (horizontal mode, removable)
- Mounting bracket for 2.5" SATA drive (HDD or SSD)
- Chassis bottom/top incl. front bezel; Rear I/O with integrated EMI gasket
- HDD carrier
- Heatsink

### CHASSIS FEATURES

#### THEFT PROTECTION MOUNTING OPTIONS

- Kensington lock support
- Integrated WLAN antennas and speaker kit
- Wall Mount
- VESA Kit
- DC-in holder

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*Chassis ambient temperature; upper limit depends on system configuration

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### HEATSINK

- Specific heatsink (heatpipe / fan) designed for 35 W TDP
- DC blower PWM @ 5 V, max. 3 W, 60 x 15 mm
- Max. 6,300 rpm, max. 53 dbA, 50,000 hrs @ 40 °C
**CHASSIS SAMPLE CONFIGURATION**
- Motherboard D3654-B
- Heatsink
- M.2 2280 SSD
- M.2 2230 WLAN/Bluetooth
- SO-DIMM DDR4
- HDD/SSD mounting bracket (no drive installed)
- Chassis top cover not shown

**CHASSIS REAR VIEW**
- Rubber feet for horizontal operating mode installed (fixed by screws)

*Note:* As the motherboard D3664-B provides an additional USB type-C port a different rear chassis wall is required for SMARTCASE S520. This chassis wall (K1056-B520) is included in the D3664-B motherboard delivery kit.

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>ARTICLE</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHASSIS KIT SOLUTION</td>
<td>F5000-B2</td>
<td>10x chassis kit incl. 10x heatsink</td>
</tr>
<tr>
<td>VESA MOUNTING KIT</td>
<td>F5000-X2</td>
<td>VESA adapter incl. mounting screws</td>
</tr>
<tr>
<td>AC ADAPTER 19V / 65W</td>
<td>F5000-P3</td>
<td>AC Adapter, 19 V/3.4 A, 65 W</td>
</tr>
<tr>
<td>SATA DATA/POWER CABLE</td>
<td>F5000-K12</td>
<td>for optional 2.5&quot; drive (Y4033-H103)</td>
</tr>
<tr>
<td>INTERNAL SPEAKER KIT</td>
<td>F5000-K9</td>
<td>Mono Speaker + Mounting Rubber</td>
</tr>
<tr>
<td>INTERNAL WLAN KIT</td>
<td>F5000-W2</td>
<td>M.2 2230 WLAN module Intel 9260 NON VPRO, left (grey) / right (black) Antenna (incl. cable)</td>
</tr>
<tr>
<td>WALLMOUNT BRACKETS</td>
<td>F5000-X1</td>
<td>2x Brackets per chassis incl. screws</td>
</tr>
<tr>
<td>DC-IN HOLDER</td>
<td>F5000-X3</td>
<td>Holder incl. screws</td>
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