

## HIGHLIGHTS

- INDUSTRIAL COMPUTER RACK 19"/4U WITH LCD
- INTEGRATED TFT 8,4", OPTIONAL TOUCH SCREEN
- FRONT ELEMENTS USB, LED, RESET, POWER
- SHORT MOUNTING FORM 400MM DEPTH
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT
- DESIGNED FOR PIVOTING FRAME CONTROL CABINETS
- AVAILABILITY MIN. 3 YEARS.



IPC – SER-D-COFFEE  
LAKE

Update: 09/2019

| Hardware            | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of device      | 19"/4U ATX- rack, painted in RAL7035; fan and filter slide-in cart for insertion in switching cabinets. Behind the lockable cover: Power & reset controls + cabinets for 1x 3 1/2" FDD, 2x 5 1/4" CD/HDD drives.                                                                                                                                                                                                                                                                                      |
| Mainboard           | Form factor: ATX (304,8 x 243,8 mm)<br>Chipset: Intel® C246 Express Chipset<br>RAM: 4x DDR4-2666-DIMM Sockets, max. 64GB<br>SATA: 6x SATA-600 (RAID 0, 1, 5, 10), 1x M.2-2280 (SSD Module), 1x M.2-2230 (WLAN)<br>Graphics: Intel® HD Graphics DX 12<br>Network: Intel® i219LM / Intel® i210AT 10/100/1000 MBit/s Ethernet<br>Slots: 1x PCI Express x16 (Gen3), 1x PCI Express x16 (4 Lanes, Gen3), 2x PCI Express x8 (1 Lane, Gen3), 1x PCI Express x1 (Gen3), 2x PCI Express (1 Lane, Gen3), 2x PCI |
| Interfaces external | Serial: 1x RS232 COM1, 4x USB 2.0, 2x USB 3.1 (Gen1), 2x USB 3.1 (Gen2) (at the rear side)<br>optional: 2x USB at front side behind the lockable cover.<br>Graphics: 1x DVI-D, 2x DisplayPort V1.2<br>Network: 2x LAN10/100/1000Mbps Fast Ethernet<br>Keybd. entry: PS/2 (keyboard/mouse)<br>Audio: Microphone IN, Line-IN, Line-OUT                                                                                                                                                                  |
| CPU                 | Type: Intel® Core™ i7 8xxx und 9xxx<br>Intel® Core™ i5 8xxx und 9xxx<br>Intel® Core™ i3 8xxx und 9xxx                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main memory         | RAM: 1x 8 GB DDR4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Mass memory         | HDD 1x 3 1/2" 1TB, SATA<br>Optional: min. 120 GB 2 1/2" SSD / min. 64 GB mSATA<br>HDD and SSD as RAID-system                                                                                                                                                                                                                                                                                                                                                                                          |
| Removeable medium   | DVD 1x 5 1/4" DVD burner, SATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Display             | TFT Display 8,4", 800x600 pixel, 350 cd/m² luminance                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power supply        | Form factor: ATX<br>Input: 90-265 VAC / 50-60Hz (automatic / manual switching)<br>Output: +3,3VDC/+5VDC/+12VDC/-12VDC/-5VDC<br>Wattage : 650 Watts max.                                                                                                                                                                                                                                                                                                                                               |

| Mechanics      | Dimensions: W x H x D                                                     |
|----------------|---------------------------------------------------------------------------|
| Housing        | 483 x 177 x 478 mm incl. handles; installation depth incl. handles: 430mm |
| Special design | Front cover with client-specific Logo                                     |
| Weight         | 18,0 kg                                                                   |

| Options         | Description                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------|
| Keyboard device | Cherry G84-4400 keyboard with trackball in a 19"/1U drawer (lockable)<br>8,4" touch-screen, resistive (optional) |
| Software        | Windows® 10 and embedded versions; other O.S. on request.                                                        |

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