

Rugged Console Computer

LRK-19RK

19" RackMount Computer (Intel 8th Core i Whisky lake platform)



Specification

System:

• CPU	: Intel® WhiskyLake Core i7®-8665UE, up to 4.4 GHz (8MB cache, 4 Cores/ 8Threads)
• Memory	: DDR4-2400 So-DIMM 16GB (max. 32GB)
• Storage	: SSD 128GB
• Graphic	: Integrated Intel® UHD Graphics 620
• Ethernet	: Intel® Gigabit Ethernet Controller I210+ Intel® Gigabit Ethernet PHY I219
• System Indicator	: 1 x Power LED, 1 x HDD LED
• Graphics	: Intel® UHD graphics 620 (Max. up to 1.15GHz) (3D Acc.: Direct3D 2015, OpenGL4.5, OpenCL2.1 HW Decode: HEVC/H.265 (8/10-bit), AVC/H.264, VP9, VP8, WMV9, MPEG2 HW Encode: HEVC/H.264, AVC/H.264, VP9, VP8, MPEG2)
• Chipsets	: Intel® 300 Series (SoC Integrated)
• Power Input	: 110-230V 60Hz single phase AC Power Input
• Mounting	: 100x 100, 200x 100 VESA Mount
• Watchdog	: 1 – 255sec. programmable
• Cooling	: Fanless
• BIOS	: AMI UEFI 256 Mbit

Front OSD FN Key :

• OSD Control	: 1x Power On/Off, 1 x Reset, 1x Brightness Up, 1x Brightness Down 1x Touch On/Off
• LED Indicators	: 1 x Power On/Off, 1 x HDD LED

Panel Specification :

• Size/ Type	: 19" (5:4) (LED Backlight)
• Resolution	: 1280 x 1024
• Brightness	: 350 nits
• Contract Ratio	: 1000 : 1 (typ.)
• Max. Colors	: 16.7M
• Viewing Angle	: -85~ 85 (H); -80~ 80 (V)
• Touch Screen	: Anti-EMI 5-wire resistive touch

Environment Tolerance :

• Operating Temperature	: 0 deg. C to 55 deg. C
• Storage Temperature	: -30 deg. C to 70 deg. C
• Humidity	: 10 to 95% (Non Condensing)
• Shock	: MIL-STD-810G Method 516.6
• Vibration	: MIL-STD-810G Method 514.6C-3
• EMC/ EMS	: MIL-STD-461F
• IP grade	: Full-IP65

Input/output :

• Serial Ports	: 1x RS232/422/485 (Default in RS232 w/D38999 connector)
• USB Ports	: 2 x USB 2.0 (D38999 Connector)
• Ethernet	: 2 x GbE Ethernet (D38999 Connector)
• Power	: 110~240V AC Input (D38999 Connector)
• VGA	: N/A
• HDMI	: 1x HDMI output

Dimensions & weight:

• Dimensions	: 429 x 382 x 80 mm (+/-2mm) (2x handles are not included)
• Weight	: 11 KG +/- 0.5KG

Drawings



