


**Features:**

- CPU: Intel® Core™ i3-1115G4E processor
- Dual Channel DDR4, 2x SO-DIMMs
- 2x HDMI for dual display (locking)
- 2x GbE LAN ports
- 1x RS232/422/485 COM port
- 4x USB 3.1 Gen 2 (locking ports)



Primary Component	Description	
CPU	Intel® Core™ i3-1115G4E processor, 14nm, 2 cores, 4 threads, 6 MB SmartCache, 2.20 GHz, up to 3.90 GHz, TDP 28W	
Memory	<ul style="list-style-type: none"> <li>• <b>16GB pre-installed</b>, 2x DDR4 SO-DIMM sockets, support DDR4 3200 MHz memory modules</li> <li>• Max. Capacity 64 GB, Dual channel memory architecture</li> </ul>	
Ethernet	<ul style="list-style-type: none"> <li>• 1x GbE LAN port (Intel® i219V)</li> <li>• 1x GbE LAN port (Realtek RTL8111HS)</li> </ul>	
Wireless	Optional (Intel® 8265NGW or Intel Wi-Fi 6 AX200, 802.11ax/BT5.2)	
Display support	i3-1115G4E: Intel® UHD Graphics 48 EUs <ul style="list-style-type: none"> <li>• 2x HDMI 1.4 ports, support maximum resolution of 4096x2160@30Hz</li> <li>• 2x independent display outputs</li> </ul>	
Audio	Realtek ALC269 High Definition Audio	
Storage	<ul style="list-style-type: none"> <li>• <b>256 GB SSD pre-install</b>, M.2 2280 PCIe3.0 x4/NVMe SSD</li> <li>• 1x SATA 6 Gb/s port (supports 2.5" HDD/SSD)</li> </ul>	
Expansion Slots	<ul style="list-style-type: none"> <li>• 1x M.2 2280 slot / M-Key / Supports SATA3/PCIe x4</li> </ul>	<ul style="list-style-type: none"> <li>• 1x M.2 2230 slot / E-Key / Support Wi-Fi/BT</li> <li>• 1x Vertical USB 3.0</li> </ul>
Front I/O*	<ul style="list-style-type: none"> <li>• 2x USB3.1 Gen2</li> <li>• 1x Power switch</li> <li>• 1x HDD &amp; Power LED</li> </ul>	<ul style="list-style-type: none"> <li>• 1x Headphone Jack</li> <li>• 1x COM port (RS-232/422/845)</li> <li>• 2x Wi-Fi/BT Antenna (optional)</li> </ul>
Rear I/O*	<ul style="list-style-type: none"> <li>• 2x RJ45 LAN port</li> <li>• 2x USB 3.1 Gen2</li> </ul>	<ul style="list-style-type: none"> <li>• 2x HDMI</li> <li>• 1x Screw type DC Jack</li> </ul>
Power	• DC 9~36V Full Range (Adapter 19V/90W)	
OS (Optional)	• Windows 10 IoT Enterprise LTSC Value	• Linux
Operating Environment	Operating: <ul style="list-style-type: none"> <li>• Temperature: 0°C to 50°C</li> <li>• Humidity: 0-90% (non-condensing)</li> </ul>	Non-operating: <ul style="list-style-type: none"> <li>• Temperature: -40°C to 85°C</li> <li>• Humidity: 0%-95% (non-condensing)</li> </ul>
Vibration Test	Operating: IEC 60068-2-64, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD	Non-operating: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis
Shock Test	Operating: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD	
Dimension	138W x 118D x 74.2H mm / 5.43"W x 4.65"D x 2.92"H	

