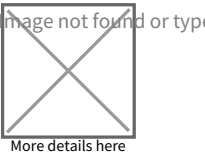


# Embedded SuperServer SYS-E201-14AR

Mini-ITX Embedded System with Intel® Core™ Ultra processor



## Key Applications

Digital Signage, Digital Signage Kiosk, Interactive info system, Video processing & streaming,

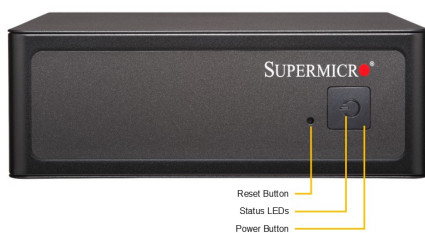
## Key Features

- Single Intel® Core™ Ultra processor up to 65W with air cooling;
- Up to 2 ECC/Non-ECC SODIMMs supporting up to 96GB with DDR5-6400MT/s;
- 2 RJ45 2.5GbE LAN ports;
- 1 internal fixed 2.5" SATA drive bay;
- Mini-ITX chassis with 7.68" (195mm) depth;

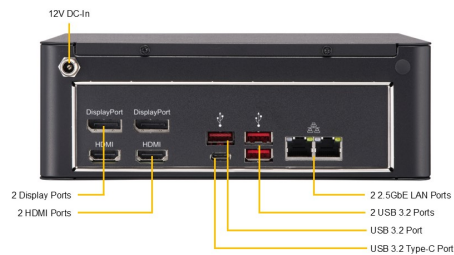


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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form Factor              | Mini-ITX<br>Enclosure: 195 x 68 x 195mm (7.68" x 2.68" x 7.68")<br>Package: 381 x 276 x 142mm (15" x 10.87" x 5.59")                                                                                                                    |
| Processor                | Single LGA-1851<br>Intel® Core™ Ultra 9/7/5 (Series 2) processors                                                                                                                                                                       |
| System Memory            | Slot Count: 2 DIMM slots<br>Max Memory (1DPC): Up to 96GB 6400MT/s ECC/non-ECC DDR5 SO-DIMM                                                                                                                                             |
| Drive Bays Configuration | Default: Total 1 bay <ul style="list-style-type: none"> <li>• 1 internal fixed 2.5" SATA* drive bay</li> </ul> (*SATA support may require additional storage controller and/or cables)<br>M.2: 1 M.2 PCIe 5.0 x4 NVMe slot (M-key 2280) |
| Expansion Slots          | 1 M.2 PCIe 4.0 x1 slot (E-key 2230)                                                                                                                                                                                                     |
| On-Board Devices         | Intel® W880                                                                                                                                                                                                                             |
| Input / Output           | LAN: 2 RJ45 2.5 GbE LAN ports (Intel® I226)<br>USB: 3 USB 3.2 Gen2 Type-A ports(Rear)<br>1 USB 3.2 Gen2 Type-C port(Rear)<br>Video: 2 DisplayPort ports(Rear)<br>2 HDMI ports(Rear)<br>TPM: 1 TPM Onboard/port 80                       |

(Front View – System)



(Rear View – System)



|                       |                                                                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Cooling        | Fans: Up to 1 CPU heatsink with $\Phi 80 \times 15 \text{ mm}$ Fan(s)<br>Up to 2x 4-PIN PWM 60x60x15mm Fan(s)                                                                                                                                                  |
| Power Supply          | 1x 180W power supply                                                                                                                                                                                                                                           |
| System BIOS           | BIOS Type: AMI 32MB UEFI<br>BIOS Features: ACPI 6.5<br>SMBIOS 3.7 or later<br>UEFI 2.9                                                                                                                                                                         |
| Management            | Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); SuperServer Automation Assistant (SAA) New!                                                                                                                                                  |
| Dimensions and Weight | Weight: Gross Weight: 6.68 lbs (3.04 kg)<br>Net Weight: 3.86 lbs (1.75 kg)<br>Available Color: Black                                                                                                                                                           |
| Operating Environment | Operating Temperature: 0°C to 40°C (32°F to 104°F) with 0.7 m/s airflow<br>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)<br>Operating Relative Humidity: 8% to 90% (non-condensing)<br>Non-operating Relative Humidity: 5% to 95% (non-condensing) |
| Motherboard           | <a href="#">Super X14SAV-LVDS</a>                                                                                                                                                                                                                              |
| Chassis               | <a href="#">CSE-101iF</a>                                                                                                                                                                                                                                      |