

## MS-X7433RE Industrial PC



- Amston Lake X7433RE
- Dual Intel LAN , support 2.5G GbE
- 1 x HDMI, 1xDP
- 1 x DDR5 SO-DIMM up to 32GB
- 1 x M.2 KeyM, 1 x M.2 KeyB, 1 x Mini PCIe
- 2 x USB 3.2 Gen 1 & 4 x USB 2.0
- 4 x COM ports (2xRS232/422/485, 2xRS232)
- DC-IN 9-24V

### Specification

|                   |                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Options | Intel® Amston Lake X7433RE (4core, up to 3.4GHz, TDP 9W)                                                                                                    |
| Chipset           | Intel® Amston Lake X7433RE                                                                                                                                  |
| Graphic           | Intel® UHD Graphics                                                                                                                                         |
| Display           | 1 x HDMI<br>1 x DP++                                                                                                                                        |
| Memory            | DDR5 4800Mhz SO-DIMM, up to 16 GB                                                                                                                           |
| Expansion Slot    | 1 x M.2 B key 3042/3052 support PCIe3.0 x1 + USB3.2 w/ SIM slot for 4G/5G module.<br>1 x Mini PCIe support PCIe3.0 x1 +USB2.0 for WIFI/BT module.           |
| Storage           | 1 x SATAIII<br>1 x M.2 M Key 2242/ 2280 support PCIe3.0 x1/ SATA for NVMe /SATA storage                                                                     |
| Serial Port       | 2 x RS232/422/485 (COM1/COM2)<br>2 x RS232 (COM3/COM4)                                                                                                      |
| USB               | 2 x USB 3.0<br>4 x USB 2.0                                                                                                                                  |
| Ethernet          | 2 x 2.5GbE LAN (Intel I226-IT)                                                                                                                              |
| Audio             | Audio Codec: ALC897                                                                                                                                         |
| External I/O      | 1 x HDMI 2.0<br>1 x DP 1.4++<br>2 x RJ45 (2.5G GbE)<br>2 x USB 3.2 Gen1<br>4 x USB 2.0<br>1 x Power LED / 1 x HDD LED<br>1 x Power Key<br>1 x DC 9~24V Jack |
| Power Supply      | 60W adapter (12V/5A)                                                                                                                                        |
| Dimension (LxWxH) | 160 x 130 x 52 mm                                                                                                                                           |

|                            |                                                                             |
|----------------------------|-----------------------------------------------------------------------------|
| Operating temperature      | -40°C ~ 60°C Humidity: 5% ~ 90%                                             |
| OS Support                 | Windows 10/11 64bit<br>Windows 10 IoT Enterprise 2021<br>Linux Ubuntu 20.04 |
| ACCESSORIES                | 1 x SATA Power Cable<br>1 x SATA Cable<br>1 x 60W adapter ( 12V/5A)         |
| Vibration during Operation | 5Grms, IEC60068-2-64, random, 5~500 Hz, 30min/axis                          |
| Shock during Operation     | 30G, IEC-60068-2-27, half sine, 11 ms duration                              |

\*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!



BIOSTAR®  
Beyond Better, Racing to the Future.