

mBOX602 NEW

Medical Grade System with 13th/12th Gen Intel® Core™ i7/i5/i3 Processor for Smart Healthcare Applications



▲ Front view



▲ Rear view

Features

- 13th/12th Gen Intel® i7/i5/i3 processor
- 2 DDR4-3200 SO-DIMM up to 64GB memory
- 2 HDMI and 1 DisplayPort++ with 4K UHD supported
- 2 COM and 2.5GbE LAN
- Supports 1 PCIe x16, 1 M.2 Key E 2230, and 1 M.2 Key B 3052/3042
- 1 SATA-600 and 1 M.2 Key M 2280



4K Ultra HD



M.2



DDR4



Triple-View

Specifications

Standard Color	White
CPU	13th/12th gen Intel® Core™ i7/i5/i3 processor (up to 65W)
System Memory	2 x 260-pin DDR4-3200 SO-DIMM, up to 64GB
Chipset	Intel® Q670E
Display	2 x HDMI 1.4 (4096 x 2160 @30Hz) 1 x DisplayPort++ 1.2 (4096 x 2304 @60Hz)
BIOS	AMI uEFI
System I/O Outlet	1 x SATA-600 2 x 10/100/1000/2500 Mbps Ethernet with Intel® I226-LM and with Wake-on-LAN and PXE Boot ROM supported 1x MIC-in/Line-out with Realtek ALC888S HD Audio Codec 4 x USB 3.2 4 x USB 2.0 (optional) 2 x HDMI 1.4 1 x DisplayPort++ 1.2 2 x RS-232/422/485 (with +5V/+12V power)
Watchdog Timer	255 levels, 1 to 255 sec
Storage	1 x 2.5" SATAIII SSD 1 x M.2 Key M 2280 NVMe SSD slot
Expansion Interface	1 x PCIe x16 or 2 x PCIe x8 (optional) 1 x M.2 Key E 2230 1 x M.2 Key B 3052/3042
TPM	TPM 2.0
System Indicator	1 x White LED for system power-on
Power Input	12V ATX power with support for AT mode auto power function
Operating Temperature	0°C to 40°C (32°F to 104°F)
Humidity	10% to 90%, non-condensing
Vibration Endurance	3 Grms standard, random vibration, 5 to 500 Hz, 1 hr/axis

Specifications

Dimensions	240 mm (9.8") (W) x 302 mm (11.9") (D) x 90 mm (3.54") (H)
Weight (net/gross)	4 kg
Certifications	CE, FCC IEC-60601 compliance
EOS Support	Win 10 IoT, Linux

Ordering Information

mBOX602	Medical grade system with Intel® 13th/12th gen Intel® i7/i5/i3 processor, 2 HDMI 1.4, 1 DisplayPort++ 1.2, 2 COM, 4 USB 3.2, and two 2.5GbE LAN
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Optional

DDR4 SO-DIMM	8GB to 64GB
2.5" SATA SSD	128GB or above
M.2 NVMe SSD	100GB or above