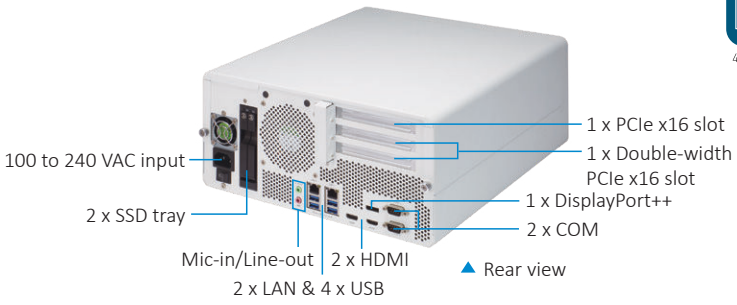
mBOX603 NEW

Medical Grade System with 13th Gen Intel® Core™ i9/i7/i5/i3 Processor for Smart Healthcare Applications

▲ Front view



▲ Rear view

Features

- 13th gen Intel® i9/i7/i5/i3 processor with Intel® R680E chipset, up to 65W TDP
- 2 DDR4-3200 SO-DIMM, up to 64GB memory
- 2 HDMI 1.4b and 1 DisplayPort++ 1.2 with 4K UHD resolution
- 2 COM and two 2.5GbE LAN
- 2 PCIe x16 expansion slots for GPU and capture cards
- 1 M.2 Key E 2230 and 1 M.2 Key B 3052/3042
- 1 M.2 Key M 2280 slot and two 2.5" SATA III drives

Specifications

Standard Color	White
CPU	13th gen Intel® Core™ i9/i7/i5/i3 processor, up to 65W TDP
System Memory	2 x 260-pin DDR4-3200 SO-DIMM, up to 64GB with ECC support
Chipset	Intel® R680E
Display	2 x HDMI 1.4b (4096 x 2160 @30Hz) 1 x DisplayPort++ 1.2 (4096 x 2160 @60Hz)
BIOS	AMI uEFI
System I/O Outlet	2 x 10/100/1000/2500 Mbps Ethernet with Intel® I226-LM, supporting Wake-on-LAN, PXE Boot ROM, and Intel® AMT 1 x MIC-in/Line-out 4 x USB 3.2 Gen 2x1 Type-A 2 x RS-232/422/485 (with +5/12V power) 1 x Power button with LED indicator 2 x SMA-type antenna connector (optional)
Watchdog Timer	255 levels, 1 to 255 sec
Storage	2 x 2.5" hot-swappable SATA III drives with RAID 0/1 support 1 x M.2 Key M 2280 NVMe SSD slot
Expansion Interface	1 x Double-width PCIe x16 slot with PCIe x8 Gen4 signal supporting various GPU cards 1 x PCIe x16 slot with PCIe x8 Gen4 signal 1 x M.2 Key E 2230 1 x M.2 Key B 3052/3042
TPM	TPM 2.0
System Indicator	1 x Green LED for system power-on 1 x Green LED for SATA storage status
Power	100 to 240V AC input with medical-grade PSU (500W/900W)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Humidity	10% to 90%, non-condensing

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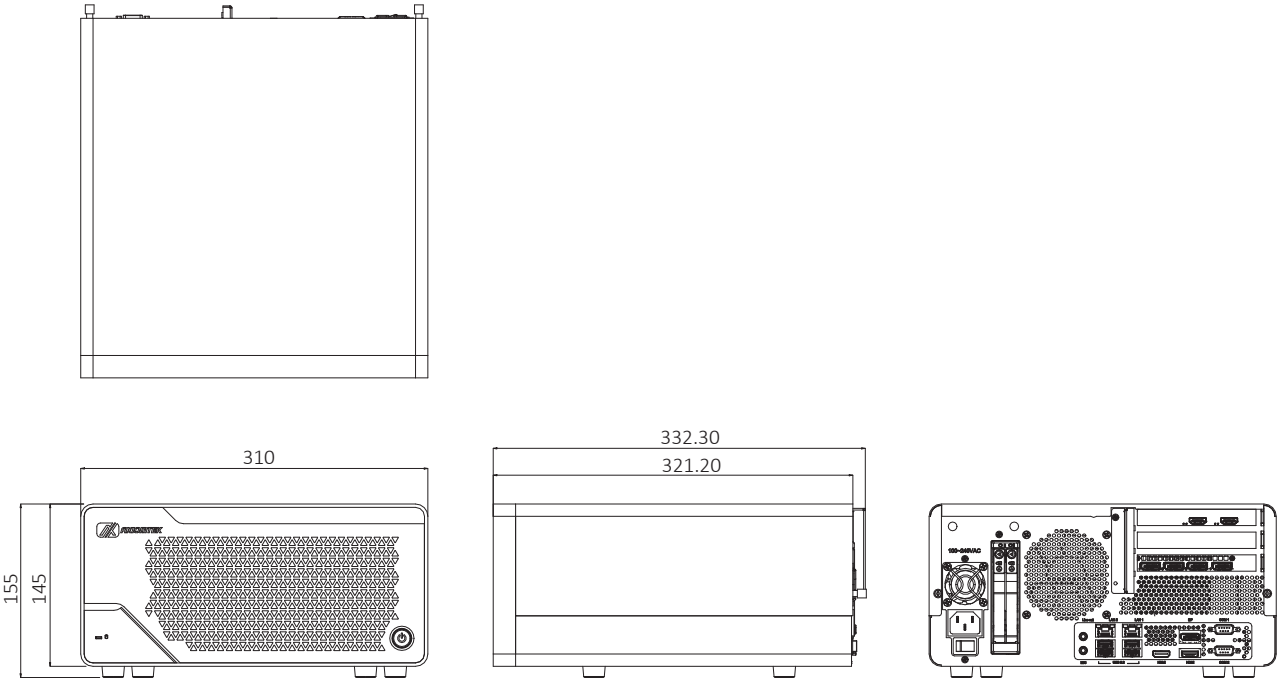
Specifications

Dimensions	310 mm (122") (W) x 332 mm (131") (D) x 145 mm (57") (H)
Weight (net/gross)	7 kg
Certifications	CE, FCC Part 18 IEC60601-1 Ed3.2 compliance
EOS Support	Windows® 10, Windows® 11, Linux

Ordering Information

mBOX603 (P/N: TBA)	Medical-grade system with Intel® 13th gen Intel® i9/i7/i5/i3 processor, 2 HDMI 1.4b, 1 DisplayPort++ 1.2, 2 COM, 4 USB 3.2, and two 2.5GbE LAN

Dimensions



* All specifications and photos are subject to change without notice.