

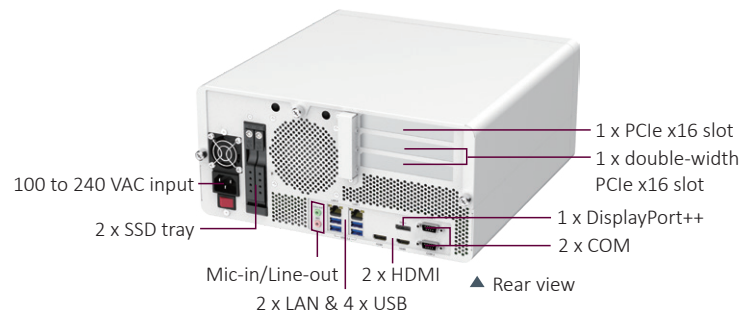
mBOX603 NEW



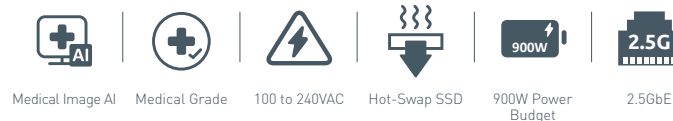
Medical Grade System with 13th/12th Gen Intel® Core™ i9/i7/i5/i3 Processor
for Smart Healthcare Applications



▲ Front view



▲ Rear view



Features

- 13th/12th Gen Intel® i9/i7/i5/i3 processor with Intel® R680E chipset, up to 65W TDP
- 2 DDR5-5600 SO-DIMM, up to 96GB memory
- 2 HDMI 1.4b and 1 DisplayPort++ 1.2 with 4K UHD resolution
- Hot-swappable SSD slots, support RAID 0/1
- Support 500W/900W PSU
- Two 2.5GbE LAN and optional Wi-Fi/Bluetooth
- M.2 2280/2230/3052/3042 expansion slot

Specifications

Standard Color	White
CPU	13th/12th Gen Intel® Core™ i9/i7/i5/i3 processor, up to 65W TDP
System Memory	2 x 262-pin DDR5-5600 SO-DIMM, up to 96GB with ECC support
Chipset	Intel® R680E
Display	2 x HDMI 1.4b (4096 x 2160 @ 24Hz) 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

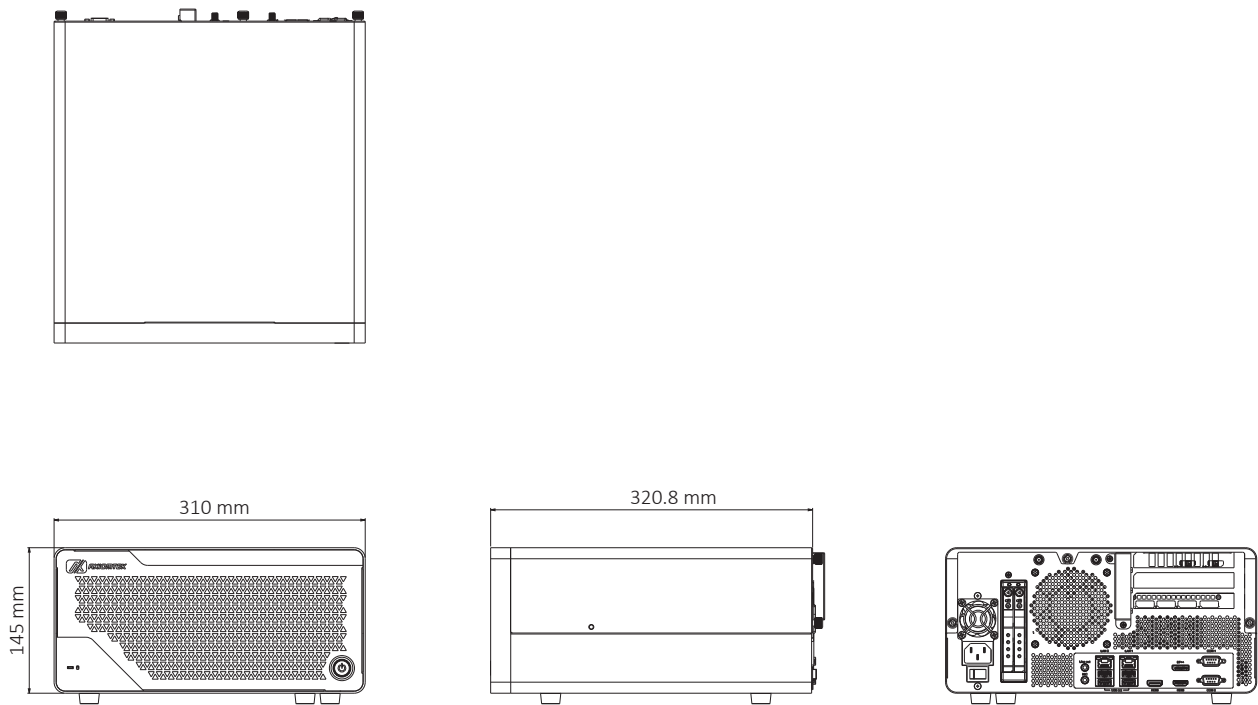
Specifications

Storage	2 x 2.5" hot-swappable SATA 3.0 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 Gen4 x8 signal supporting various GPU cards 1 x PCIe x16 slot with PCIe Gen4 x8 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)
Relative Humidity	10% to 90% relative humidity, non-condensing
Dimensions (W x D x H)	310 x 332 x 145 mm (12.2" x 13.07" x 5.71")
Weight (net/gross)	7 kg (15.43 lb)
Certifications	CE, FCC Part 15/18 EN/IEC60601-1 Ed3.2 IEC62368-1 Ed3 (CB Scheme)
EOS Support	Windows® 10, Windows® 11, Windows® 10 IoT, Windows® 11 IoT, and Linux

Ordering Information

mBOX603 (P/N: E27N603100)	Medical-grade system with Intel® 13th/12th 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
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Dimensions



8 rue du Colonel Chambonnet
69500 BRON - FRANCE
04 72 14 18 00
info@ip-systemes.fr
www.ip-systemes.com