



Box-PC

GOLUB 4545

- AMD Ryzen™ V1807B
- Up to 32GB DDR4-3200 SDRAM by one SODIMM socket
- External Fan



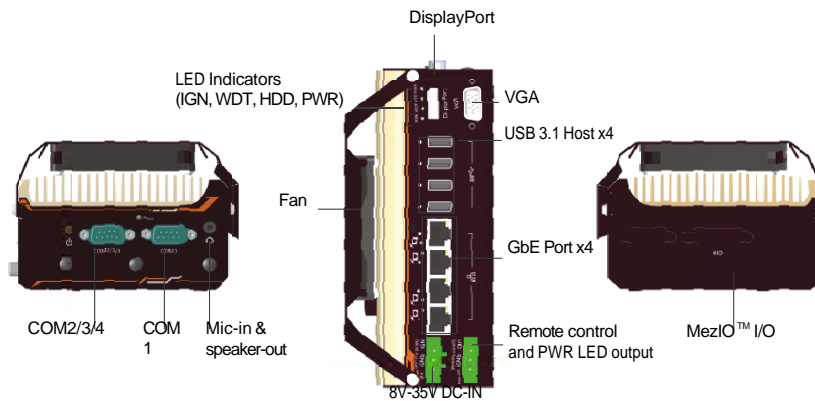
*Attention barebone system:

CPUs, RAM, HDDs / SSDs, operating systems and expansion modules can be found in the catalog under "System components and accessories": https://downloads.aprotech.de/cms/catalogue/APROtech_catalogue.pdf
 You will receive a link to the catalog with prices from your sales contact: <https://aprotech.de/en>

CPU*	AMD Ryzen™ V1807B, 4x 3.35GHz/3.8GHz
Chipset	SoC
Graphics	Vega GPU with 11 compute units
RAM*	Up to 32GB DDR4-3200 SDRAM by one SODIMM socket
Storage interface*	1x M.2 2280 M key NVMe socket (PCIe Gen3 x2) for NVMe SSD installation
Ports	4x IEEE 802.3at Gigabit PoE+, Intel® I350-AM4 4x USB 3.1 Gen1 (5 Gbps), with screw-lock 1x software-programmable RS-232/ 422/ 485 ports (COM1) 3x 3-wire RS-232 ports (COM2/ 3/ 4) or 1x RS-422/ 485 port (COM2) 1x VGA, supporting 1920 x 1200 resolution 1x DisplayPort, supporting 4096 x 2160 resolution 1x 3.5mm jack for mic-in and speaker-out
Expanded interface*	1x full-size mini-PCIe socket with internal SIM socket 1x MeziO™ expansion interface for MeziO™ modules 1x M.2 2280 M key NVMe socket (PCIe Gen3 x2) for NVMe SSD installation
Cooling system	External-accessible 80mm x 80mm fan for system heat dissipation
Power input	1x 3-pin pluggable terminal block for 8V to 35VDC DC input 1x 3-pin pluggable terminal block for remote control and PWR LED output
Power consumption	AMD Ryzen™ V1807B, 4GB RAM and 1x SSD: max. ca. 20W
Operating temperature	-25° to 70° C*
Storage temperature	-40° to 85° C
Storage humidity	10% to 90%, non-condensing

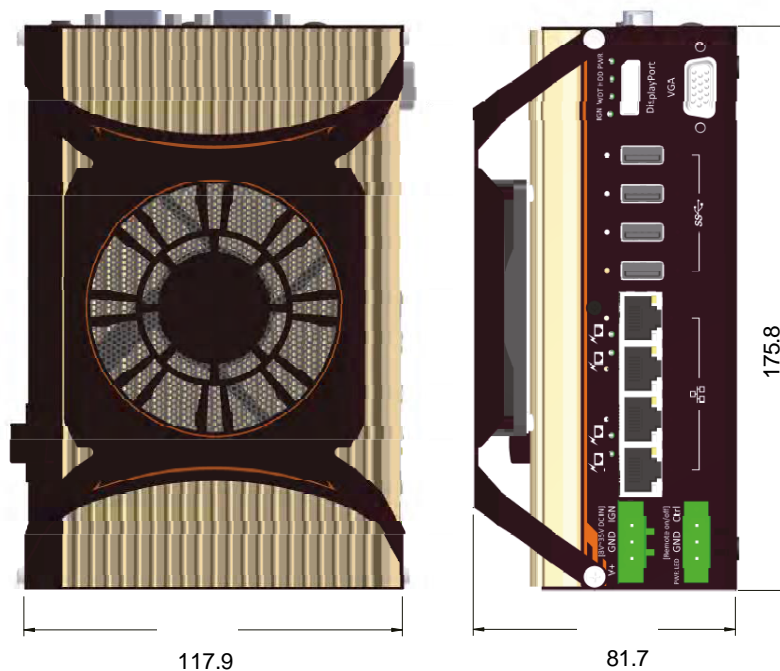
* Operating temperature is up to 70° C only if external-accessible fan is installed.

Vibration	Operating, MIL-STD-810G, Method 514.6, Category 4
Shock	Operating, MIL-STD-810G, Method 516.6, Procedure I, Table 516.6-II
Certificate	CE/ FCC Class A, according to EN 55032 & EN 55024
Protection class	IP20
Mounting	DIN rail mounting; option: wall mounting
Operating system	Windows® 10; Ubuntu 18.04.1 LTS (4.10 kernel)
Dimensions / mm	81.7 x 117.9 x 175.8
Weight / kg	ca. 1.4
Scope of delivery	2x 3-pin terminal connector; DIN rail mounting kit; Driver CD



Dimensions

Unit : mm



Order Information

GOLUB 4545	650090.2
MezIO™ Kit U3_4, 4x USB3.0	750015.1
MezIO™ Kit R11, SATA port for 2.5" HDD/SSD	750016
MezIO™ Kit R12, SATA port for 2.5" HDD/SSD, 4-CH isolated DI/4-CH isolated DO	750017
MezIO™ Kit C180-C, 4x RS-232/422/485, 4x RS-232	750019.2
MezIO™ Kit C181-C, 4x RS-232/422/485, 4x RS-422/485	750019.4
MezIO™ Kit D220-C, 8-CH isolated DI/8-CH isolated DO	750020.2
MezIO™ Kit D230-C, 16-CH isolated DI/16-CH isolated DO	750020.4
Cable assembly [1*DB9(F) to 3*DB9(M), 10CM]	252364
Vertical wall-mount kit	740040.13
Horizontal wall-mount kit	740040.11

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