

AUTROMASTER INDUSTRIAL PC

AutoMaster Presentation System Product Datasheet

Features

- AMD Ryzen™ embedded V1605 series quad-core 15W CPU
- Rugged -25° to 70°C fanless operation
- 4x 4K DP display, 3840 x 2160 resolution per output
- 2x USB3.1 Gen 1 and 2x USB2.0
- 8V to 35V wide-range DC input with built-in ignition power control
- Flexible power input options: mini-DIN or terminal block

The AutoMaster Industrial PC is used for AutoMaster 4 and AutoMaster V applications. It has no moving parts and uses less energy than the standard desktop/tower PC. The small size also makes it easy to fit where you have limited space available. The PC is equipped with AMD latest architecture.

Autronica offers both a stand-alone PC, or PCs mounted in a 19' rack (see part numbers on next page).



Specifications

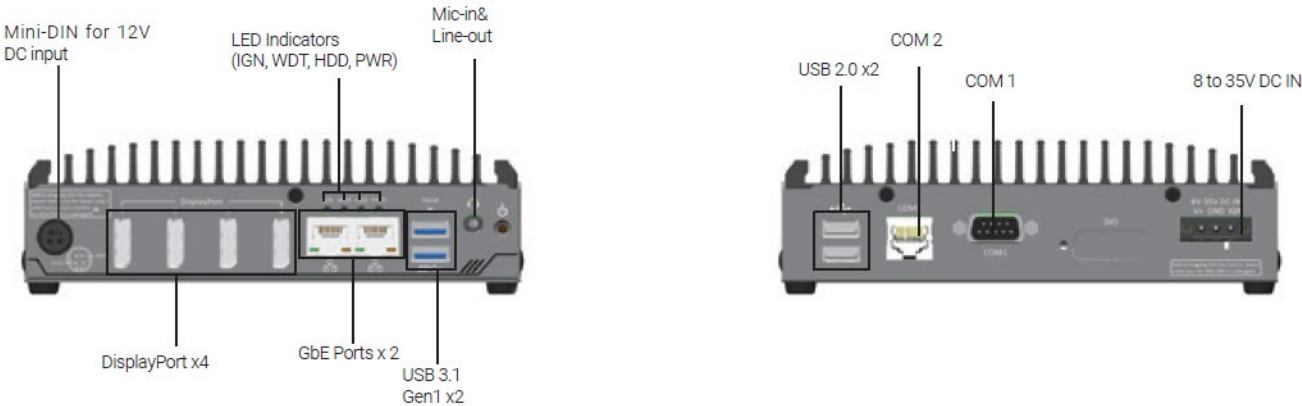
System Core		Power Supply	
Processor	AMD Ryzen™ Embedded V1605B CPU (4C/ 8T, 2M Cache, 2.0/ 3.6 GHz, 12W - 25W TDP)	DC Input	1x mini-DIN for 12V DC input or 1x 3-pin pluggable terminal block for 8 to 35V DC input (IGN/ GND/ V+)
Graphics	Vega GPU with 8 compute units	Mechanical	
Memory	16 GB DDR4-2400 SDRAM by two SODIMM sockets	Dimension	173 mm (W) x 174 mm (D) x 50 mm (H)
Panel I/O Interface		Weight	1.6 kg
Video Port	4x DisplayPort, supporting 4K UHD resolution	Mounting	Wall-mount (optional)
Ethernet Port	2x Gigabit Ethernet ports by 2x Intel I210® controller	Environmental	
USB 3.1	2x USB 3.1 Gen1 (5 Gbps) ports	Operating Temperature	-25°C ~ 70°C
USB 2.0	2x USB 2.0	Storage Temperature	-40°C ~ 85°C
Audio	1x 3.5mm jack for mic-in and line-out	Humidity	10% ~ 90%, non-condensing
Serial Port	2x RS-232 (COM1 in DB9, COM2 in RJ50)	Vibration	Operating, MIL-STD-810G, Method 514.7, Category 4
Storage	256 GByte M2 SSD	Shock	Operating, MIL-STD-810G, Method 516.7, Procedure I
		EMC	CE/FCC Class A, according to EN 55032 & EN 55035

* For sub-zero and over 60°C operating temperature, a wide temperature HDD or Solid State Disk (SSD) is required.

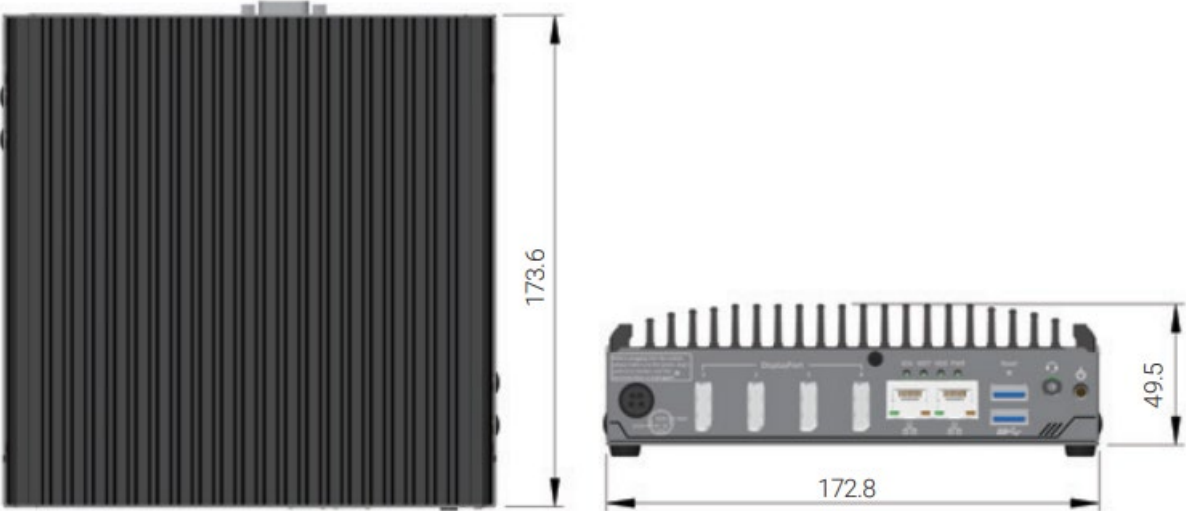


Part number	Description
116-AM4-INDUSTRIAL	AutroMaster 4 industrial PC
116-AM4-RACKPC	AutroMaster 4, 2U 19' rack mounted PC (one PC)
116-AM4-RACKPC2	AutroMaster 4, 2U 19' rack mounted dual PCs (two PCs)
116-AMV-INDUSTRIAL	AutroMaster V industrial PC
116-AMV-RACKPC	AutroMaster V, 2U 19' rack mounted PC (one PC)
116-AMV-RACKPC2	AutroMaster V, 2U 19' rack mounted dual PC (two PCs)

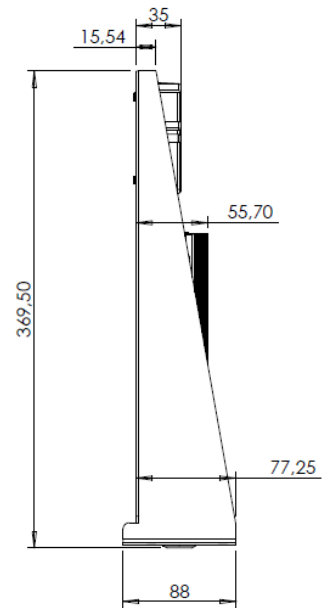
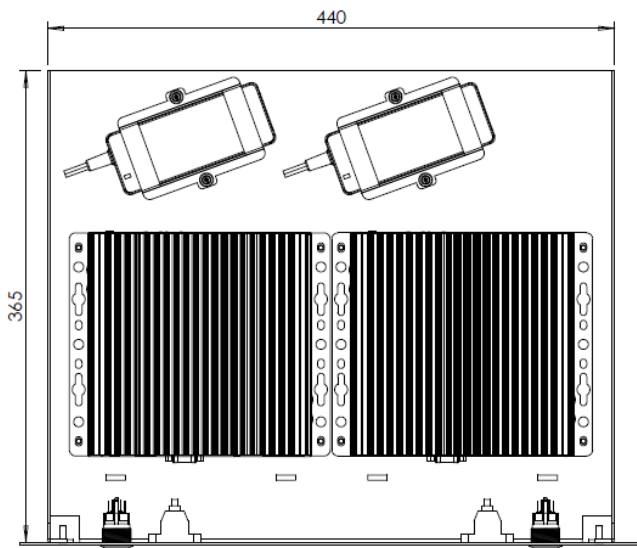
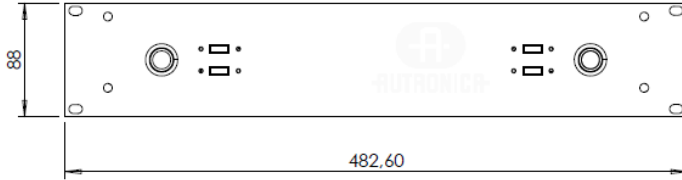
Connections



Dimensions - PC (116-AM4-INDUSTRIAL/116-AMV-INDUSTRIAL)



Dimensions – All rack versions



(Example of drawing showing two PCs in a rack)