AUTROMASTERV MINI PC

AutroMaster V Presentation System
Product Datasheet

Features

- 8th generation IntelCore® i3-8109U™ processor
- Intel HD® Graphics 655 (IGP)
- Two DDR4 SO-DIMM sockets (2x16 GB, 2400 MHz)
- M.2 slot with flexible support for a 42 or 80 mm M.2 SSD
- Intel® Dual Band Wireless-AC 9560 and Bluetooth* 5.0
- Back panel DC power connector (12V – 19V)
- HDMI* 2.0a display port supporting 8 channel audio (7.1 surround sound)
- Intel® Gigabit LAN
- Two USB 3.1 ports on the back panel
- Thunderbolt™ 3 USB Type-C port providing DisplayPort* 1.2 or USB 3.1 gen 2
- Kensington lock support
- Support for user-replaceable third-party lids
- Micro SD card slot
- Consumer infrared sensor
- Two USB 3.1 ports (including one charging port) on the front panel
- Front panel headphone/microphone jack
- Front panel power button
- Dual-array front microphones

Description

The AutroMaster V Mini PC is an industrial PC that is used for AutroMaster 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 Mini PC is equipped with Intel's newest architecture, the 7th generation IntelCore® i3-8109U™ processor.

The PC comes with Intel® Dual Band Wireless-AC 9560, the fastest wireless available today, along with built-in Bluetooth* 5.0 for connection to wireless peripherals.

An optional bracket is available for mounting the PC on a standard Philips screen (see part number on next page).

AUTRONICA

CE

Part number	Description
116-AUTROMASTER-PC-V	PC for AutroMaster V without license

Technical specifications	
Processor	• Intel® Core™ i3-8109U processor (3.0 GHz – 3.6 GHz, Dual Core, 4 MB Cache, 28W TDP)
Graphics	• Iris® Plus Graphics 655 • HDMI* 2.0a port with 4K at 60 Hz • USB Type-C port with DisplayPort* 1.2
System Memory	• Two DDR4 SO-DIMM sockets - 2x16 G, 2400 MHz, 1.2V
Storage Capacity	• Micro SDXC slot with UHS-I support on the side • One M.2 connector supporting 22x42 or 22x80 M.2 SSD
Peripheral Connectivity	• Intel® Gigabit LAN • Thunderbolt™ 3 with data transfer up to 40 Gbps • Four USB 3.1 ports (two back panel ports and two front ports including one charging port) • Two additional USB 2.0 ports via internal header • Intel® Dual Band Wireless-AC 9560 (802.11ac), 2x2, up to 1.73 Gbps • Dual Mode Bluetooth* 5.0
System Bios	• 64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play • Advanced configuration and power interface V3.0b, SMBIOS2.5 • Intel® Visual BIOS • Intel® Express BIOS update support
Hardware Management Features	• Processor fan speed control • Voltage and temperature sensing • Fan sensor inputs used to monitor fan activity • ACPI-compliant power management control
Expansion Capabilities	• Two Internal USB 2.0 ports via two 1x4 headers (for replaceable lid support) • One Consumer Electronics Control header
Audio	• Up to 7.1 surround audio via HDMI* • Headphone/microphone jack on the front panel • Dual-array microphones on the front panel
Front Panel Header	• Reset, HDD LED, Power LEDs, power on/off
Mechanical Chassis Size	• 4.60" x 4.40" x 1.41" • 117 mm x 112 mm x 36 mm
Baseboard Power Requirements	• 19V, 90W power brick
Environment Operating Temperature	0° C to +40° C

CE

Technical specifications	
Storage Temperature	–20° C to +60°
Safety Regulations and Standards	• IEC 60950-1 • UL 60950-1 • EN 60950-1 • CAN/CSA-C22.2 No. 60950-1
EMC (Class B)/RF Regulations and Standards	• CISPR 32 • FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E • ICES-003 • EN 55032 • EN 55024 • ETSI EN 300 328 • ETSI EN 301 489-1 • ETSI EN 301 489-17 • ETSI EN 301 893 • EN 62311 • AS/NZS 2772.2 • AS/NZS 4268 • VCCI V-2, V-3, V-4 • KN-32 • KN-24 • CNS 13438
Environmental Regulations	• RoHS Directive 2011/65/EU • WEEE Directive 2012/19/EU • China RoHS - Management Methods for Restricted Use of Hazardous Substances in Electrical and Electronic Products