

MP-FL16 Small Form Factor Intel Low-Power CPU Mini Fanless PC



Description

Xenarc Technologies Corp. proudly introduces one of the world's most powerful mini Fan-less PC. Like its name, the PC doesn't use a Fan for cooling but it is still able to operate at a 120 degree Fahrenheit environment. This PC uses an Intel 8th or 9th Gen processor. The unit takes wide range 12 ~ 48Volt DC, and we are able to cut power consumption to less than 60W with our proprietary technology. Shock and vibration is handled by its 2.5" slim flash SATA drive to make the unit a completely non-mechanical PC. This low power consuming, yet powerful PC is perfect for in-vehicle computing or industrial computing use. Can't believe we can pack that much power into this little box? See it yourself.

Couple this Mini Aluminum PC with our displays for your various mobile, in-car computing, and industrial computing needs.

Add an optional PSU-PC12 In-Car Computing Power Supply Unit with intelligent shut-down controller for use inside a vehicle. Our products are designed for applications such as but not limited to:

- Transportation - Marine, Air, Heavy Vehicles, Mining, Weigh Stations, Fleet Management, Telematics, In-Car Computing, Public Transit, Cargo
- System Integration - Machinery Controls, Factory Automation, Environmental Monitoring, Home Automation, Military, Smart Home
- Point of Sale - Hospitality, Digital Signage, Self-Service Kiosks, Outdoor Kiosks and Signage, Casino
- Data Monitoring - Cloud, IoT, Medical, Logistics, Inventory Management, Oil & Gas/Utilities, Law

Features

MP-FL16 (Barebone System)

- Good for system builders
- No CPU (Intel 8th & 9th Gen 35W CPU. i3-8100T, Pentium Gold G5400T, Celeron G4900T)
- No Memory (DDR4 2400/2666Mhz non-ECC SODIMM x2, up to 64GB)
- No Hard Disk Drive (2.5" SATA Solid State Drive)
- DisplayPort and DVI-I (Includes VGA Adaptor)
- Built-in Audio & Video
- Gigabit Fast Ethernet
- 6 USB 3.1 Gen2

MP-FL16-CS1 (Complete System 1)

- Intel G4900T Celeron 2.9GHz CPU
- 4GB DDR4 2666Mhz non-ECC SODIMM
- 512GB 2.5" SATA Solid State Drive
- DisplayPort and DVI-I (Includes VGA Adapter)
- Built-in Audio & Video
- Gigabit Fast Ethernet
- 6 USB 3.0

Package Contents

- Mini PC
- Instruction manual
- AC adaptor
- Drivers CD

Specification

- Dimension (in): 6.3W x 9.8D x 2.3H
- Dimension (mm): 160W x 250D x 58H
- Storage Temperature: -4°F ~ 140°F (-20°C ~ 60°C)
- Operating Temperature: 14°F ~ 113°F (-10°C ~ 45°C)
- Weight: 4 lbs (Barebone) / 6.6 lbs (Complete)
- Intel Q370 Chipset
- Processor: Intel FC LGA1151 socket 8th and 9th Gen 35W Low-Power CPU: i3-8100T, Pentium Gold G5400T, Celeron G4900T
- Memory: Two SODIMM DDR4 slots for DDR4 2400/2666Mhz SODIMM (64GB Max)
- Video: Intel HD Graphics 630 (i3) / 610 (Pentium/Celeron)

- Video Output: DisplayPort and DVI-I (Includes VGA Adapter)
- Audio: Realtek ALC898 High Definition Audio CODEC
- Communications: Built-in Intel i219LM 100/1000Mbps Ethernet PHY
- 6 USB 3.0, 1 RS232 Serial
- Internal Pin Headers: 1 COM2 Serial, 1 Parallel, 2 USB 2.0
- Storage: One 2.5 inch Slim SATA Solid State Flash Drive
- One SATA interface for slim-type Optical Drive
- Power Input: 12 ~ 48V DC
- Power Consumption: less than 60 Watt
- Chassis: Ultra light extruded Aluminum
- FCC, CE Certification
- ROHS2 Compliant