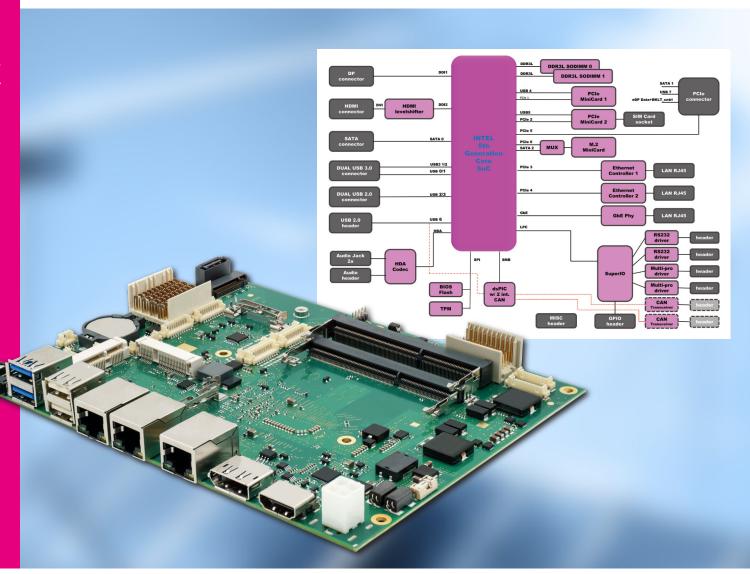
PROFIVE® F97



APPLICATIONS

Designed for fanless applications, the **PROFIVE® F97** single board computer finds its field of work in stationary and mobile devices.

- _ Rugged Industrial Systems no rotating parts, low power
- _ Medical Solutions
 Intel® Core™ performance,
 high-resolution graphics
- _ Automatic Control scalable, long term availability, flexible expansion
- _ Measurement Multiple Graphics
- _ Public Terminal
 Digital Signage, Multiple Displays
 support







SPECIFICATIONS

CPU Intel® 5th Generation Core™ and Intel® Celeron® processors

BIOS UEFI-BIOS

Max. memory Up to 16 GB DDR3L dual-channel Memory support up to 1600 MT/s

Gigabit Ethernet 2 Intel® I210 with IEEE1588 1 Intel® I218 Gigabit Ethernet PHY

PCI Express® Mini Card 2 fullsize sockets, 1 with SIM Card socket

M.2 socket 1 Key M, 22 mm x 42 mm (SSD only)

(optional 60 mm)

Serial ATA Up to 3 ports (6G)

COM ports 2 RS-232

2 RS-232/485/422

CAN bus 2 ports, 1 MBit (optional)

SM bus Yes

Display Port connector 1 port, up to 3200 x 2000 @ 60 Hz HDMI connector 1 port, up to 4096 x 2304 @ 24 Hz

Sound HDA, Line In, Line Out, MIC, AUX, SPDIF

Other GPIO | PWM | TPM (optional, OEM only)
Health monitoring and Controllable fan, hardware monitoring

Health monitoring and Controllable far management and watchdog

anagement and waterido

Power supply Min. 8 V / Max. 32 V (DC), internal power or optional 4-pin Mini DIN power

connector

Max. operating temp. $0 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ ambient

Max. rel. humidity 95 % @ 40 °C, non-condensing Fanless Designed for fanless operation

Size approx. 180 mm x 135 mm

OS support Microsoft® Windows® 10;

Microsoft® Windows® 10 IoT Enterprise:

Linux (Ubuntu 18.04 LTS, Yocto Kernel Version 4.1)

Panel-Board 135x180

Ordering Code CPU	Description	Туре
F97-A	SBC	Celeron® 3765U / 1.9 GHz / 2 MB cache
F97-B	SBC	i3-5010U / 2.1 GHz / 3 MB cache
F97-C	SBC	i5-5350U / 1.8 - 2.9 GHz / 3 MB cache
F97-D	SBC	i7-5650U / 2.2 - 3.1 GHz / 4 MB cache

other on request

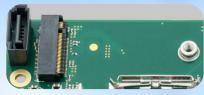
Ordering Code Memory	Description	Size
4GB-F97	Main Memory	4 GB
8GB-F97	Main Memory	8 GB



PCI Express® Mini Card Socket with SIM Card support



HDMI and Display Port



SATA and M.2 Mini Card Socket



3 Gigabit Ethernet Ports

Produktion & Distribution GmbH

E.E.P.D. Electronic Equipment

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