

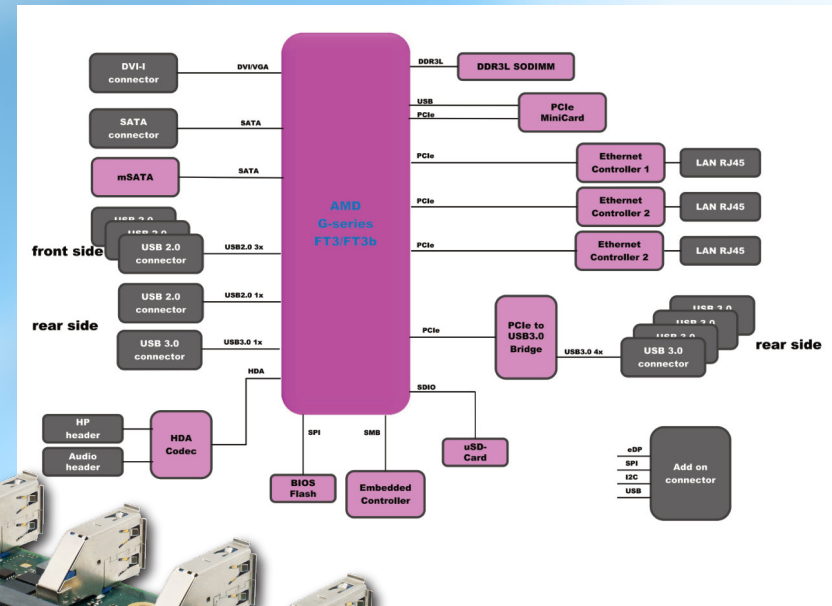
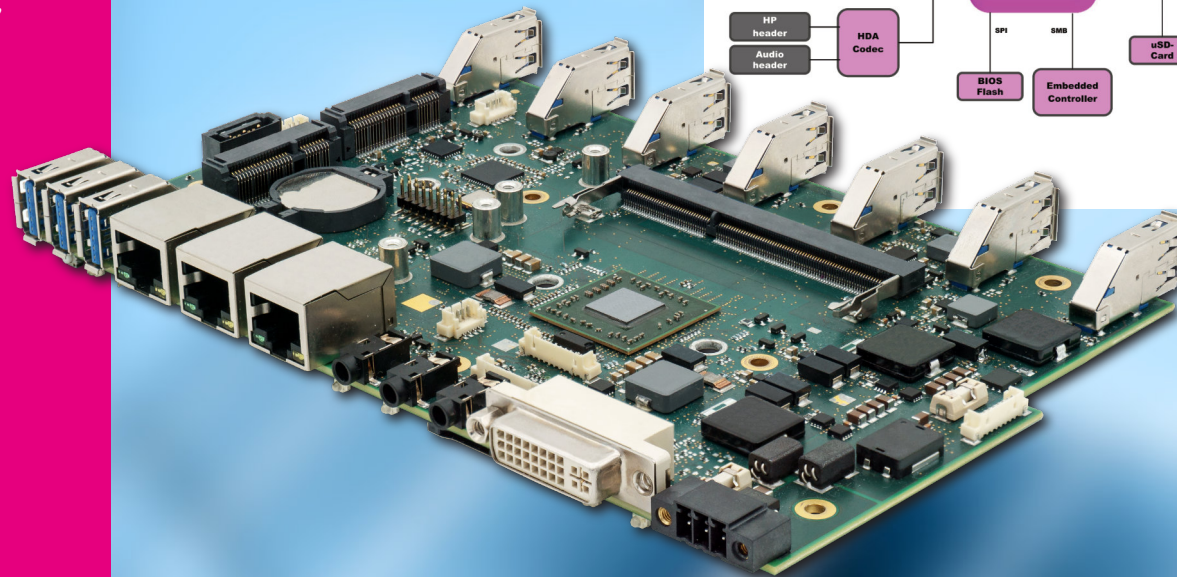
PROFIVE® GS1



APPLICATIONS

Designed for fanless applications, the **PROFIVE® GS1** single board computer finds its field of work in stationary and mobile devices:

- _ Rugged Industrial Systems
 - no rotating parts, low power
- _ Medical Solutions
- _ Automatic Control
 - scalable, long term availability,
 - flexible expansion
- _ Information Systems
- _ Measurement
- _ Public Terminal
- _ Modular Systems



HIGH QUALITY
MADE IN GERMANY

10 years
long life
support¹

E.E.P.D. 
...just embedded!

SPECIFICATIONS

CPU	AMD G-Series eKabini Steppe Eagle (OEM option) ¹
BIOS	UEFI-BIOS
Max. memory	Up to 8 GB DDR3L memory supports 1600 MHz
Gigabit Ethernet	Up to 3 Intel® I210 with IEEE1588
PCI Express® Mini Card	Up to 2 fullsize sockets; 1 prepared with mSATA 1 prepared PCIe/USB (optional half-size)
SD-Card	1 MicroSD-Card socket
Serial ATA	Yes
USB ports	Up to 6 USB 3.0 and 4 USB 2.0
GPIO	Up to 6 ports (3.3 V LV _{TTL} level)
DVI-I connector	1 DVI-I with VGA support
Sound	4-channel HDA and headphone connector
Status / Control LEDs	Yes
Power supply	Min. 8 V / Max. 24 V (DC) single supply, 3-pin Wire-To-Board power connector
Max. operating temp.	0°C to +60 °C ambient or 0°C to +70 °C at any point on the surface -40 °C to +85 °C ambient industrial grade (optional)
Max. storage temp.	-20 °C to +85 °C
Max. rel. humidity	95 % @ 40 °C, non-condensing
Fanless	Designed for fanless operation
Size approx.	186 mm x 119 mm
OS support	Microsoft® Windows® 10; Microsoft® Windows® 10 IoT Enterprise; Linux Ubuntu 18.04 LTS

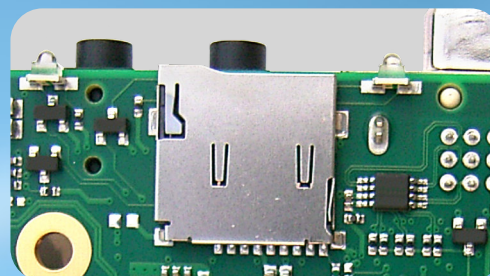
¹10 years availability according to CPU manufacturers specification

Multi-USB 119x186

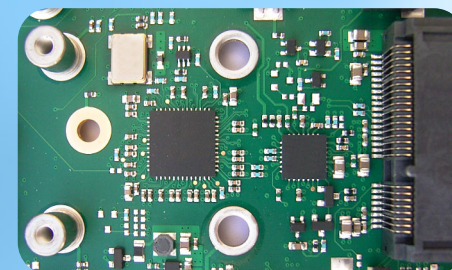
Ordering Code CPU	Description	Type
GS1-A	SBC	GE415GIBJ44HM / 1.5 GHz / GPU HD8330E 500 MHz

other on request

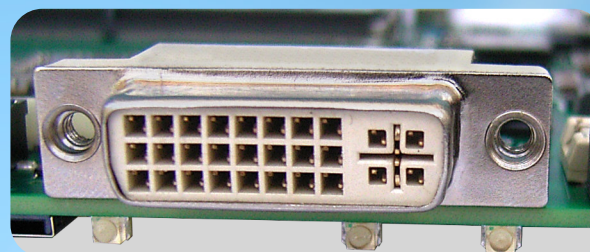
Ordering Code Memory	Description	Size
2GB-GS1X	Main Memory	2GB
4GB-GS1X	Main Memory	4GB
8GB-GS1X	Main Memory	8GB



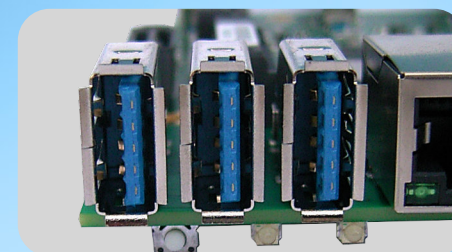
Micro SD-Card socket



PCI Express® Mini Card Socket



DVI-I connector



USB ports



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LIFE SUPPORT APPLICATIONS

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