# 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
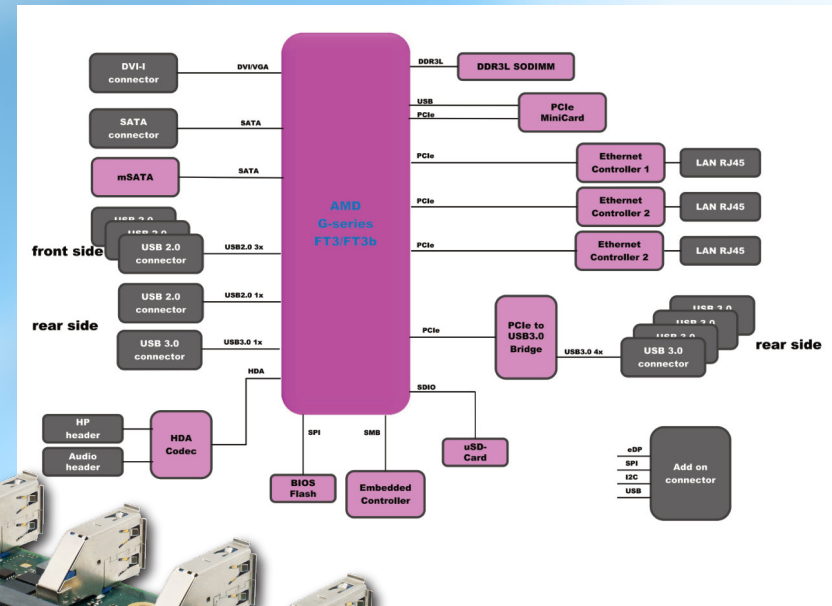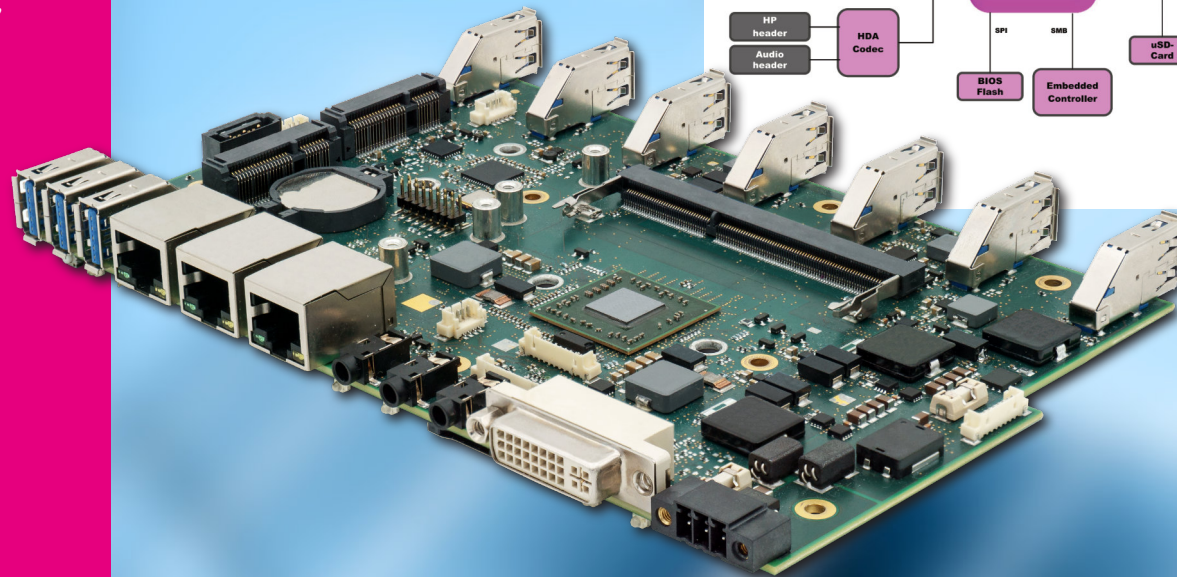
HIGH QUALITY

MADE IN GERMANY

10 years
long life
support [1]

E.E.P.D.

...just embedded!

Multi-USB 119x186

SPECIFICATIONS

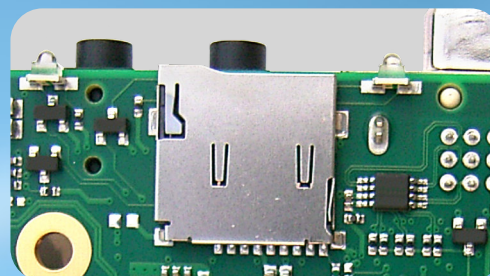|	
CPU	AMD G-Series eKabini Steppe Eagle (OEM option)[1]
BIOS	UEFI-BIOS
Max. memory	Up to 8 GB DDR3L memory supports 1600 MHz
Gigabit Ethernet	Up to 3 Intel® I210 with IEEE1588
PCI Express® Mini Card	Up to 2 fullsize sockets; 1 prepared with mSATA 1 prepared PCIe/USB (optional half-size)
SD-Card	1 MicroSD-Card 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

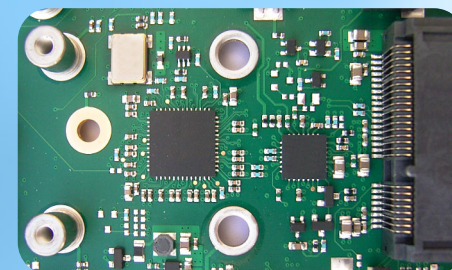[1] 10 years availability according to CPU manufacturers specification

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
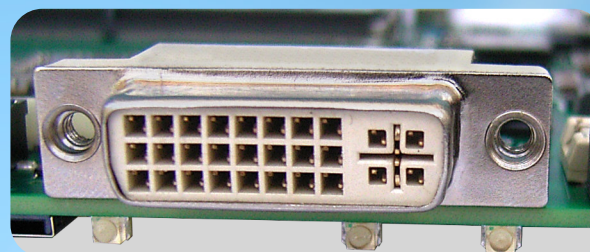
DVI-I connector

USB ports

AMD EMBEDDED SOLUTIONS

TÜV SÜD — ISO 9001 Certified Quality Management System www.tuv-sud.com/ms-cert