Grossen*bacher* Systeme

Swiss innovations for next generations

Member of Amalthea Group

G-FS-Webpanel EN_220725.docx

compact, cost-effective, compatible
New generation of machine operating panels with Chromium browser

- **100% HTML5-compatible due to Chromium browser**

- **scratch-resistant glass surface**

- **quick response thanks to GPU Acceleration**

- **intuitive operation with CapTouch**

- **display sizes from 7'' – 18.5''**

- **resolution from 1024x600 to 1920x1080**

The latest generation of Grossenbacher WebPanels operate with the standard open source Chromium browser, allowing all web-based visualisations to be displayed, especially those based on the HTML5 standard (Responsive Design).

Likewise for JavaScript applications. The browser is the only interface for interaction, making it very simple to put the units into operation: Set the IP address (static or DHCP), enter the URL, done. The data is now stored and is called up automatically each time the unit is restarted.

In addition, the frequently used gestures in modern visualisations are supported (swiping, zooming, etc.).

The WebPanels are available in various sizes, resolutions and installation types and are all multi-touch capable.

We develop your success!

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Processor	
Processor	i.MX 8 M Mini
Architecture	ARM Cortex-A53 Cortex-M4
Frequency	1.8 GHz
Processor core	4
RAM	2 GB (up to 4 GB possible)
Cooling	passive
Others i.MX 8 processors	on demand
Memory	
Internal memory	
Memory technology	eMMC
Memory size	8 GB
External additional memory (changeable memory)	on demand up to 1TB microSD
Display and touch	
Size: Resolution | Brightness	7'': 1024x600 | 400cd/m²
	10.1'': 1280x800 | 400cd/m²
	15.6'': 1366x768 | 400cd/m²
	18.5'': 1920x1080 | 350cd/m² (on demand)
Touch technology	capacitive
Interfaces / field buses	
Ethernet	1 x 10/100/1000 MB (RJ45)
Operating systems and SW options	
Operating system	Linux
Browser	Chrome, HTML5 able
Remote update	optional
VNC client	optional
HW options	
Microphone, camera, loudspeaker	on demand
NFC, RFID, others	on demand
UPS of 20ms for bridging short-term power dips	on demand
Device	
Type of installation	
Front installation	yes
Rear installation	on demand
VESA mounting	yes
Power supply	24Vdc +/- 20%
IP protection class	front: IP65 back: IP20

Dimensions		Front installation	VESA mounting
Front (B x H x T)	7'':	205 x 144 x 35.5 mm	197 x 136 x 41 mm
	10.1'':	269 x 185 x 35.5 mm	261 x 177 x 41 mm
	15.6'':	396 x 243 x 43 mm	404 x 251 x 38.5 mm
	18.5'':	446 x 276 x 44 mm	on demand

Certifications	
7'', 10.1'', 15.6'' und 18.5''	**CE EN61000-2-2:2019 EN61000-3-6:2011**

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