

EMACHINES

flexible mediaserver FM mini

TECHNICAL SPECIFICATIONS

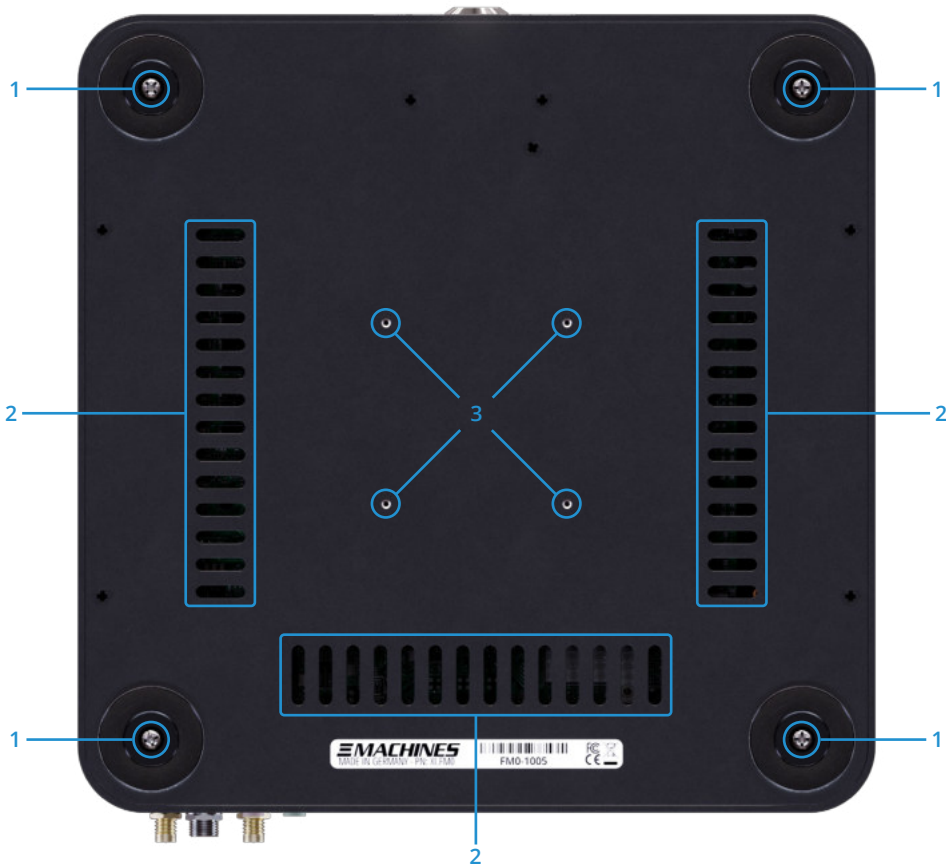
Overview & Connections

Front View - FM mini



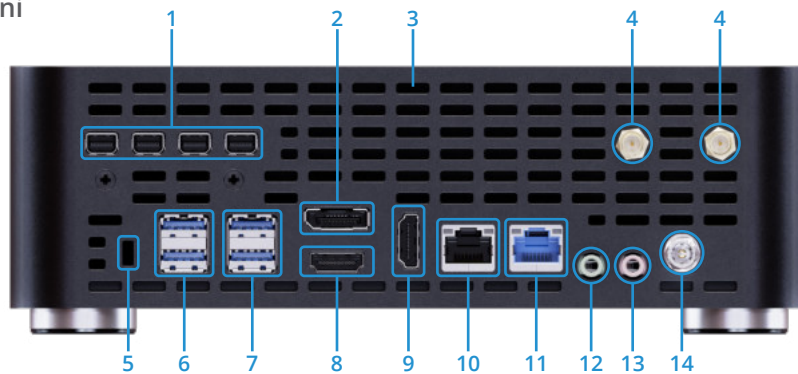
<p>1 Illuminated Power Button Press Button once to start your FM mini. Push and hold to force a shutdown.</p>	<p>2 Air Intake Fresh air supply for the FM mini. Do not block!</p>	<p>3 Case Feet The feet are removable, allowing for installation in an optional 19" rack mount shelf or mounting via the integrated mounting holes.</p>
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Bottom View - FM mini



<p>1 Case Feet Unscrew and remove feet to attach the FM mini to the optional 19" rackmount shelf using the same mounting holes.</p>	<p>2 Air Vents For best performance, avoid blocking the air vents to ensure proper airflow.</p>	<p>3 VESA Mounting Holes 50x50mm mounting holes for an optional VESA mount bracket (supports 75x75/100x100mm VESA standards).</p>
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Rear View - FM mini



1 Main Display Outputs (mDP 1.4) Connect display devices to your FM mini, such as projectors, LED wall controllers, and displays.	2 DisplayPort 1.4b Connector Can be used to output the graphical user interface (GUI) to a connected monitor.	3 Air Outlet Exhausts heated air from the FM mini. Keep clear to ensure proper ventilation.
4 WiFi Antenna Connectors Use these to connect your FM mini to wireless networks. (WiFi antennas included)	5 Kensington Lock Connector Secure your FM mini with a Kensington Lock to prevent unauthorized removal.	6 USB 10Gbit/s Type-A Ports Connect USB Type-A devices to your FM mini.
7 USB 10Gbit/s Type-A Ports Connect USB Type-A devices to your FM mini.	8 HDMI 2.0b Port Can be used to output the graphical user interface (GUI) to a connected monitor.	9 HDMI 2.0b Port Can be used to output the graphical user interface (GUI) to a connected monitor.
10 1Gbit/s Network Ports Connect your FM mini to a network via an RJ45 cable with speeds of up to 1 Gbit/s Ethernet.	11 2.5Gbit/s Network Ports Connect your FM mini to a network via an RJ45 cable with speeds of up to 2.5 Gbit/s Ethernet.	12 Audio Output Connect audio devices to your FM mini via the analog 3.5mm jack.
13 Audio Input Connect audio devices to your FM mini via the analog 3.5mm jack.	14 DC Power Input Connect the included power adapter here to supply power to your FM mini.	

Technical Specifications

Applications	Validated for ¹	Pandoras Box, Pixera, Watchout, Vertex, LightAct, Screenberry, Resolume, Touch Designer, Ventuz, vvvv, Unreal Engine, Unity, Notch, vMix, OBS, Vioso, Madrix, Poet Creator, Universe Control
	Software License	Included or excluded depending on project requirements
Display Output	Number and Type	4x Mini DisplayPort 1.4
	Maximum Resolution @120Hz	4x 4096 × 2160
	Maximum Resolution @60Hz	4x 5120 x 2880 2x 7680 x 4320
	Color Depth Support	8bit 10bit 12bit
	EDID Management	✓
	Synchronization (Framelock, Genlock)	-
	Onboard Display Outputs ²	2x HDMI, 1x Displayport
Video	Video Input	-
	NDI Support	✓
Audio	HD Audio	2x 3.5mm mini-jack
	Dante VS	Optional
Network	RJ45 Ports	1x 1Gbit/s Ethernet 1x 2.5Gbit/s Ethernet
	WiFi	✓
	Bluetooth	✓
Peripheral	USB Ports	4x USB 10Gbit/s Type-A
	Serial Port	-
Storage	System	1TB NVMe Drive
	Content	-
Expansion Options	Maximum configurable number ^{3,4}	0
	Display Output Options	Nvidia RTX A400 (default) Nvidia RTX A1000
	Control Output Option	-
	Synchronization Option	-
	Video Input Options	-
	Audio Options	-
	Network Options	-
	Storage Options	2TB, 4TB, 8TB (up to 7GB/s)
	Memory Option	32GB System Memory
	Silent Option	-

Physical Specifications	Dimensions Unit (WxHxD)	218mm x 73mm x 218mm 8.58" x 2.87" x 8.58"
	Dimensions Unit w/o Feet ⁵ (WxHxD)	218mm x 66mm x 218mm 8.58" x 2.60" x 8.58"
	Rack Installation Depth (D)	218mm 8.58"
	Weight ⁶	2.1 kg 4.63 Lbs
	Power Supply	External PSU (180W, 100-240V AC, max. 2.3A, 50-60Hz)
	Power Consumption ⁶ idle/typical/max	34W / 95W / 130W
	Heat Dissipation ⁶ idle/typical/max	116 BTU/h / 324 BTU/h / 443 BTU/h
	Noise Emission ⁷ idle/typical/max	TBA dB / TBA dB / TBA dB
	Power Consumption ⁶ idle/typical/max	34W / 95W / 130W (Display Output Option RTX A1000)
	Heat Dissipation ⁶ idle/typical/max	116 BTU/h / 324 BTU/h / 443 BTU/h (Display Output Option RTX A1000)
	Noise Emission ⁷ idle/typical/max	TBA dB / TBA dB / TBA dB (Display Output Option RTX A1000)
	Operating Temperature	10°C - 36°C 50°F - 97°F
	Relative Humidity	10% to 90% non-condensing
Hardware Specifications	Hardware Platform	Intel Industrial
	Certified for 24/7 Operation	✓
	Cruise Ship optimized	✓
	Remote Management	✓
	Illuminated Power Switch	✓
	Integrated Rear LED lighting	-
	Integrated Rear Strain Relief Bar	-
	Internal USB License Dongle Holder	✓ (1x USB 5Gbit/s Type-A)
	Processor	Intel 14 Core Processor (6 P-Cores / 8 E-Cores / 12 Threads / max 5.10Ghz)
	Graphics Accelerator	Nvidia RTX A400
	System Memory	16GB
	System Memory Channels	2 Channels ⁸
	System Memory ECC	✓
	Operating System	Flexible Mediaserver optimized Windows OS (Professional or IoT Enterprise LTSC)
	Bundled Accessories	External Powersupply, Hardware Guide, Recovery USB Stick
	Optional Accessories	19" Rack mount shelf (for mounting up to 2x FM mini in 1.5U), VESA mount bracket
Norms & Certifications	Norm	DIN 15781 (Entertainment technology - Media Server)
	Certifications	CE, UKCA, FCC
Warranty & Support	Warranty	2 years (extended warranty for 3 / 4 / 5 years optional)
	Premium Support	Included (during warranty period)

¹ Your software not included? Talk to us!

² Not suitable for use with typical media server application

³ Refers to additional PCIe expansion cards

⁴ In addition to Main Display Output Option

⁵ Chassis feet removable

⁶ Based on base configuration - values vary depending on Expansion Options selected

⁷ Measurements taken in sound lab at distance of 1m / 39.4"

⁸ Dual-Channel operation available with ≥ 32GB system memory

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