

DEMOGRAF AUDIO

Ulanor

Fanless audio computer with a Pinkfaun PCIe bridge and linear power supply — up to DSD1024

Made by Dmitriy Gubchenko. Every unit ships with a Manufacturing Record stating its country of origin and a bill of materials.

Sound

Your whole library, from Roon or JRiver

Ulanor is a fanless audio computer meant to be the digital heart of a system. An Intel Core i5 on an ASUS board has ample headroom for Roon library management and HQPlayer upsampling to DSD1024 without strain. Cooling is fully passive through copper heat pipes and aluminium heatsinks, so there is no mechanical noise, and a separate linear power supply keeps switch-mode noise away from the board and the output card. The link to the DAC is a Pinkfaun PCIe bridge — I2S as standard, USB or coaxial on request.

Materials & build

Audiophile-optimised Windows 11 with lifetime Roon and JRiver licences installed.

- Intel Core i5, ASUS motherboard, 250 GB Samsung EVO SSD
- Pinkfaun PCIe bridge (I2S / USB / coaxial) + USB Amanero
- Linear PSU with low-noise regulators
- Optional independent Demograf Audio master clock

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN
Processor Core i5	Intel	USA
Motherboard	ASUS	Taiwan
SSD 250 GB EVO	Samsung	South Korea
PCIe output bridge	Pinkfaun	Netherlands
USB interface	Amanero	Italy
Linear power supply	Demograf Audio	Own manufacture

Signal path

Player **Roon · JRiver** → Processing **Intel Core i5** → Bridge **Pinkfaun PCIe**

→ Clock **Demograf Audio (option)** → Output **I2S · USB**

Specifications

Device type	Reference Audiophile PC / Digital Transport
Maximum resolution	DSD1024 / PCM 768 kHz
Clocking architecture	Optional Custom Independent Master Clock by Demograf Audio
Operating system	Audiophile-optimised Windows 11
Processor (CPU)	Current-generation Intel Core i5 (upgradeable)
Motherboard	Premium ASUS Series
SSD	250 GB Samsung EVO
Digital player software	Roon & JRiver — lifetime licences installed
Digital output card	Pinkfaun PCIe Bridge (I2S standard; USB & Coaxial optional)
Cooling system	Fanless Passive (Copper heat pipes & large aluminium heatsinks)
Power supply	Discrete linear PSU with low-noise regulators
Remote control suite	Via the Roon or JRiver mobile apps (others possible)
Mains	100 / 120 / 230 V — set at order time, plug to match (NEMA, Schuko, BS 1363 / type G)
Origin	Made in Kazakhstan by Dmitriy Gubchenko

Options

Hardware & storage

- Intel Core i5, Premium ASUS Motherboard, 250 GB Samsung EVO SSD
- Processor Upgrade (CPU)
- Storage Upgrade (SSD)
- Motherboard Upgrade
- RAM Upgrade (DDR5)
- Other (on request)

Digital interface

- Pinkfaun I2S PCIe Bridge (Standard)
- Pinkfaun USB PCIe Bridge

- Pinkfaun Coaxial S/PDIF PCIe Bridge
- Demograf Audio Bridge
- Other Bridge (on request)

Component upgrades

- Master Clock by Demograf Audio (Custom Independent)
- Custom transformers and chokes
- Exotic Top-Tier Connectors Suite

Mains inlet, outlets & contacts

- AC Input: Standard Spec — IEC C14 Chassis Input
- AC Input: Heavy-Duty Spec — IEC C20 High-Current Inlet
- AC Output: European Standard — Schuko (Type F)
- AC Output: US / Japan Standard — NEMA 5-15R (Type B)
- AC Output: British Standard — BS 1363 (Type G)
- AC Output: Universal Interface — Direct IEC C13 Outlets
- Contacts: Pure Copper Unplated (Organic & Balanced Tone)
- Contacts: Gold Plated e.g. Furutech FI-09(G) (Warmth & Rich Midrange Texture)
- Contacts: Rhodium Plated e.g. Furutech FI-09(R) (Fast Transients & Fine Detail)

Finish & chassis

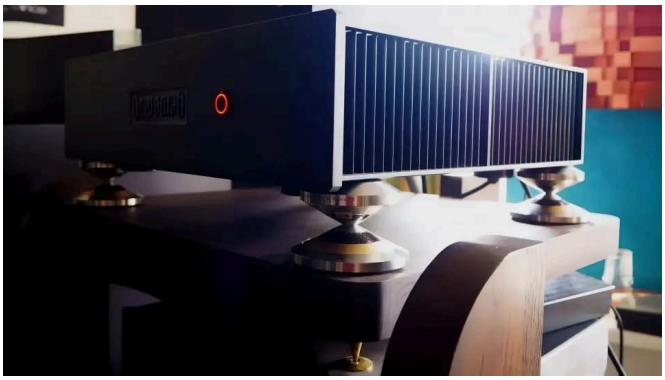
- Standard configuration
- Priority build (+50% of the price)
- Precision-Milled Metal Chassis — Anodised Magnesium-Aluminium Alloy (CNC milling)
- Contoured Bent-Metal Enclosure
- Glass-Integrated Aesthetic
- Solid-Billet Metal Enclosure
- Advanced Galvanic Finishing
- Custom Dimensions & Form Factor

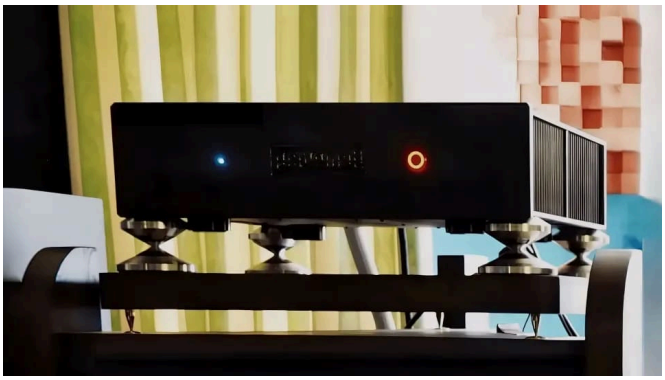
Regional version

- 230 V — Schuko plug (Europe)
- 120 V — NEMA plug (North America)
- 100 V — NEMA plug (Japan)
- 230 V — BS 1363 / type G plug (UK · Middle East)

Photographs








Questions & answers

Does the Ulanor use tubes?

Ulanor has no tubes. It feeds any DAC with an I2S, USB or coaxial input, and pairs naturally with the Prometheus.

How is the Ulanor serviced?

Each unit ships with its own measurement report. The circuit is kept simple and serviceable, and Demograf Audio gear is serviced for as long as parts exist.

How is it delivered?

Shipping and insurance are paid by the buyer and shown as a separate line in your quotation. Every unit is packed for long-distance transport in heavy-duty flight cases and a wooden crate.

Which mains voltage and plug?

Each piece of gear is built for 100 V, 120 V or 230 V mains with the matching plug (NEMA, Schuko or BS 1363 / type G). The voltage is fixed at order time, so tell us where the unit will be used.

How long does the Ulanor take to build?

Build time is six months or more from the queue deposit, depending on the configuration and the queue; delivery takes from one month after completion. The atelier builds seven instruments a year. A priority build is available for an extra 50% of the price: your unit is moved ahead in the build queue.

Ordering

- Built individually, to order. A 50% deposit places the unit in the build queue.
- Build time is six months or more, depending on the configuration and the queue.
- One-year warranty; after it, paid repair. Every unit ships with its own measurement report.
- Configuration, prices in your currency and the seller for your country: demografaudio.com
- E-mail: shop@demografaudio.com.