

Aurender, May 2021

Warranty 2 years, Prices in CHF, VAT included, product and price changes reserved, replaces all previous price lists

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Topology and Key Features of Aurender Products	<p>All Aurender Music Servers / Streamers share the same topology and key features as follows:</p> <p>Audio Design Topology: all hard- and software are optimised for music playback CPU Board: proprietary Aurender circuit board SSD Playback Caching: improving sound quality, reducing wear of HDD HDD Storage: not preinstalled, depending on product from 1x 2TB up to 2x 10TB HDD Control: via proprietary Aurender apps for Android and Apple iOS devices Music Files Transfer: through USB2.0 ports via app or Ethernet via computer Streaming Services: TIDAL, QOBUZ and Spotify (user account needed) Internet Radio: SHOUTcast internet radio service Codec Support: MQA (optional on some units), DSD (DSF, DFF), AIFF, ALAC, FLAC, WAV, M4A, APE Color options: silver and black (black only for some units) Support: remote internet technical support</p>	
Music Servers / Streamers		
N100H	SSD Playback Caching: 120GB Capacity (not preinstalled): up to 1x 5TB HDD MQA Core Decoder: optional, available through in-app purchase Digital Output: 1x USB Audio Class 2.0 with ultra low noise power circuitry (DoP up to DSD128, PCM up to 192kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 2.0 (data transfer) Power Supply: fanless full-linear Display: 3.0" AMOLED Dimensions: 215 x 63 x 355mm; Weight: 4.6kg	2890
N100C	As above, but features added / improved with regards to: Digital Outputs: 1x RCA Coax (PCM up to 192kHz)	3390
N100SC	As above, but features added / improved with regards to: SSD Playback Caching: 240GB Capacity (not preinstalled): user installable (back panel sliding tray) 1x 2TB 2.5" 7mm HDD	3590
N10	SSD Playback Caching: 240GB Capacity (not preinstalled): up to 2x 5TB HDD MQA Core Decoder: optional, available through in-app purchase Jitter reduction: FPGA based all Digital Phase-Locked Loop system with OCXO clock Optional DSD to PCM conversion: FPGA based, user selectable for non-DSD DACs Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (DoP up to DSD128, PCM up to 192kHz), 1x Coaxial, 1x TOS, 1x AES (PCM up to 192kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 2.0 (data transfer) Power Supply: fanless full-linear Display: 3.3" Dual AMOLED Dimensions: 430 x 96 x 355mm; Weight: 12.3kg	8490

Music Servers / Streamers continued

NEW: N20	SSD Playback Caching: 500GB Capacity (not preinstalled): user installable (back panel sliding trays) up to 2x 5TB 2.5" HDD MQA Core Decoder: optional, available through in-app purchase Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality PCM Upsampling: single wire mode up to 192kHz Jitter reduction: FPGA based all Digital Phase-Locked Loop system with OCXO clock Optional DSD to PCM conversion: FPGA based, user selectable for non-DSD DACs Digital Outputs: 1x USB Audio Class 2.0 plug-in module with better isolation (Native DSD up to DSD512, DoP up to DSD256; PCM up to 384kHz), 1x Coaxial, 1x TOS, 1x AES (PCM up to 192kHz) Digital I/O: 1x doubly isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Word Clock or Master Clock Input: BNC 10 MHz, 12.8 MHz (44.1 kHz and 48 kHz multiples from 1 to 512) Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Dimensions: 430 x 111 x 355 mm; Weight: 13.5 kg	12990
W20	SSD Playback Caching: 240GB Capacity: not preinstalled, up to 2x 10TB HDD MQA Core Decoder: optional, available through in-app purchase Jitter reduction: FPGA based all Digital Phase-Locked Loop system with OCXO clock Optional DSD to PCM conversion: FPGA based, user selectable for non-DSD DACs Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (DoP up to DSD128, PCM up to 192kHz), 1x Coaxial, 1x TOS (PCM up to 192kHz), 2x AES (Dual AES wire mode possible for reference DACs to double the level of resolution up to 192kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 2.0 (data transfer) Word Clock or Master Clock Input: BNC 10 MHz, 12.8 MHz (44.1 kHz and 48 kHz multiples from 1 to 512) Audio Power Supply: LiFePO4 (LFP) Battery CPU Power Supply: fanless switch mode power supply HDD Isolation: aluminium casing with floating suspension brackets HDDs, rubber damping Display: 3.7" Dual AMOLED Dimensions: 430 x 127 x 370mm; Weight: 21.9kg	18990
W20SE	As above, but Special Edition improved with regards to: SSD playback caching: 1TB Capacity (not preinstalled): 1x 4TB SSD for lowest possible noise level MQA Core Decoder: included Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality PCM Upsampling: single wire mode up to 192kHz, dual wire mode 384kHz Superior Jitter Reduction: FPGA based all Digital Phase-Locked Loop system with improved OCXO clock Digital Outputs: 1x USB Audio Class 2.0 plug-in module with better isolation (Native DSD up to DSD512, DoP up to DSD256; PCM up to 768kHz), 1x Coaxial, 1x TOS (PCM up to 192kHz), 2x AES (Dual AES wire mode possible for reference DACs to double the level of resolution up to 384kHz) Digital I/O: 1x doubly isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Audio Power Supply: LiFePO4 (LFP) Battery CPU Power Supply: fanless full-linear SSD Isolation: aluminium casing with floating suspension brackets SSDs, rubber damping Dimensions: 430 x 127 x 370mm; Weight: 21.1kg	23990

Music Server / Streamer with CD Ripper / Metadata Editor / Library Manager

NEW: ACS100	CD Ripping: State-of-the-Art and superior to dBpoweramp (WAV, FLAC or AIFF) thanks to Aurender's custom engineered software optimised for TEAC CD-ROM Automated Ripping: Software for Acronova Nimbie included (hardware purchased separately with third party or rented with Audiosphere) SSD Playback Caching: 240GB Capacity (not preinstalled): user installable (back panel sliding tray) 2x 2TB 2.5" 7mm HDD (Raid2 storage 2 TB) Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality MQA Core Decoder: optional, available through in-app purchase Digital Outputs: 1x USB Audio Class 2.0 (Native DSD up to DSD512; DoP DSD256; PCM up to 384kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 3.0 (data transfer) Power Supply: external DC19V/3.42A Display: 4.0" ips color LCD Dimensions: 215 x 111 x 257mm; Weight: 5.0kg	3890
ACS10	As above, but features added / improved with regards to: Capacity (not preinstalled): up to 2x 10TB HDD (Raid2 storage up to 10TB) Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (Native DSD up to DSD512; DoP DSD256; PCM up to 768kHz) Digital I/O: 1x doubly isolated Gigabit Ethernet, 2x Gigabit Ethernet, 2x USB 3.0 (data transfer) Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Display: 4.0" ips color LCD Dimensions: 430 x 96 x 355mm; Weight: 12.1kg	5890

Music Servers / Streamers with full MQA Digital to Analog Converter

A100	SSD Playback Caching: 120GB Capacity: not preinstalled, up to 1x 5TB HDD MQA Core Decoder: included Jitter reduction: FPGA based precision clock generation system (<100fs) Upsampling: optional upsampling to 352.8/384kHz Filtering: user selectable digital and analog filters for analog outputs DA-Conversion: single stereo 768kHz/32bit flagship AK4490 DAC chip with linear power supply Volume control: Aurender app (velocity sensitive), IR remote or rotary control knob Analog Output: 1x pair RCA, fixed or variable Digital Output: 1x USB Audio Class 2.0 with ultra low noise power circuitry (DoP up to DSD128, PCM up to 192kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 2.0 (data transfer) Digital Input: 1x TOS Power Supply: fanless full-linear Display: 3.0" AMOLED Dimensions: 330 x 68 x 355mm; Weight: 7.8kg	3890
A10	As above, but features added / improved with regards to: DA-Conversion: dual-mono 768kHz/32bit flagship AK4490 DAC chips with dual-mono linear power supplies Analog Outputs: 1x pair XLR, 1x pair RCA, fixed or variable Dimensions: 430 x 68 x 355mm; Weight: 10.2kg	5990

Ms / St w full MQA DAC, CD Ripper / Metadata Editor / Library Manager and Headphone Amp

A30	CD Ripping: State-of-the-Art and superior to dBpoweramp (WAV, FLAC or AIFF) thanks to Aurender's custom engineered software optimised for TEAC CD-ROM Automated Ripping: Software for Acronova Nimble included (hardware purchased separately with third party or rented with Audiosphere) SSD Playback Caching: 480GB MQA Core Decoder: included Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality Capacity (not preinstalled): up to 1x 10TB HDD Jitter reduction: OCXO and FPGA based precision clock generation system (<100fs) Filtering: user selectable digital and analog filters for analog outputs Upsampling: user selectable upsampling up to 705.6/768kHz DA-conversion: dual-mono 768kHz/32bit next generation flagship AK4497 DAC chips with dual-mono linear power supplies Volume control: Aurender app (velocity sensitive), IR remote or rotary control knob Analog Output: 1x pair XLR, 1x pair RCA, fixed or variable, adjustable gain level Headphone Outputs: 1x 4pin XLR Balanced, 1x 6.5mm Jack, 1x 3.5mm Minijack Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (Native DSD up to DSD256, DoP up to DSD128; PCM up to 768kHz) Digital I/O: 1x doubly isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Digital Inputs: 1x RCA Coax, 1x BNC Coax, 2x TOS Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Display: 8.8" 1920 x 480 wide ips color LCD Dimensions: 430 x 141 x 355mm; Weight: 17kg	18990
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Amplifier with Digital to Analog Converter

X725	DAC and amplifier Control: remote control, via Aurender Android and iOS app if connected to an Aurender Power rating: 2 x 100W @ 8ohms Inputs: 1x USB, 1x TOS Output: 1x pair Cardas patented binding posts Formats: up to 24/192kHz, DSD in native mode Power Supply: fanless full-linear Dimensions: 215 x 45 x 355mm; Weight: 4.7kg Color: Silver	2890
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DIGITAL playback, music ripping, editing and storage BUNDLES

N20 / ACS100	N20 Music Server and Streamer and ACS 100 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager	15890
N20 / ACS10	N20 Music Server and Streamer and ACS 10 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager	17490
W20SE / ACS100	W20SE Music Server and Streamer and ACS 100 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager	25990
W20SE / ACS10	W20SE Music Server and Streamer and ACS 10 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager	27490

ANALOG playback, music ripping, editing and storage BUNDLES

A100 / ACS100	A100 Music Server and Streamer with DAC and ACS 100 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager	7290
A10 / ACS100	A10 Music Server and Streamer with DAC and ACS 100 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager	9290
A10 / ACS10	A10 Music Server and Streamer with DAC and ACS10 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager	10990

INTEGRATED music BUNDLES

N100 / X725	N100H musicserver and streaming client and X725 DAC and amplifier	4990
ACS100 / X725	ACS 100 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager and X725 DAC and amplifier	5990

Accessory

UC100	USB Converter: Precision Asynchronous USB Audio 2.0 to SPDIF (COAX, PCM up to 192kHz) converter for use with Aurender music servers with USB audio output only Dimensions: 54 x 145 x 30mm; Weight: 0.28kg Color: Silver only	890
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