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Noctua nh-u12a manual

Attaching the backplate 2 Place the backplate on the rear side of the motherboard so that the bolts stick through the mounting holes. Caution: When using the L.N.A., check the temperature of your CPU using appropriate software (e.g. the respective applications of your motherboard manufacturer), in order to evade automatic throttling of the CPU due to the increased temperature. Enjoy your Noctua NH-U12A! Yours sincerely, Roland Mossig, Noctua CEO This manual will guide you through the installation process of the SecuFirm2™ mounting system step by step. Multilingual versions of this manual are available on our website: www.noctua.at/manuals Required mounting parts: 2x NM-IMB3 mounting bars 4x NM-ITS1 thumb screws 4x NM-IBT2 bolts Caution: Make sure that the curved sides of the mounting bars are pointing outwards. Noctua cannot be held responsible for any damage that may arise due to excessive stress during transport if you keep the heatsink installed. Caution: Please make sure that the three cut-outs in the supplied backplate align with the screws of the motherboard's stock backplate, torque 0.6 Nm). Use the set of holes marked with "4" for AM4 and the set of holes marked with "3" for AM2(+)/AM3(+)/FM1/FM2(+). View the manual for the Noctua NH-U12A here, for free. Double check that the heatsink and fan clips do not make contact with the VGA card or other PCIe cards. Installing the mounting bars 3 Caution: Choose the alignment of the mounting bars according to the desired final orientation of the cooler: Caution: Make sure that the curved sides of the mounting bars are pointing outwards. First put the plastic spacers onto the bolts of the backplate, then add the mounting bars. Applying the thermal paste Caution: Applying too much thermal paste will lower heat conductivity and cooling performance! 2 Noctua NH-U12A | Installation Manual | LGA20xx LGA20xx Then put the heatsink onto the GPU and screw it to the screw threads of the mounting bars. Installing the mounting bars 2 NM-APS5 (white) AM2(+)/AM3(+) FM1/FM2(+) NM-APS4 (grey) AM4 Use the grey NM-APS4 spacers for AM4 and the white NM-APS5 spacers for AM2(+)/AM3(+)/FM1/FM2(+). Noctua NH-U12A | Installation Manual | LGA115x 2 Attaching the backplate Caution: The supplied backplate will install over the mother- board's stock backplate, so the motherboard's stock backplate must not be taken off. Multilingual versions of this manual are available on our website: www.noctua.at/manuals Required mounting parts: Please first choose the correct set of plastic spacers and the correct set of holes on the mounting bars depending on whether you are using a socket AM4 or a socket AM2(+)/AM3(+)/FM1/FM2(+) motherboard: First put the plastic spacers onto the screw threads of the back- plate, then fix the mounting bars using the four long screws. Perform 2-3 turns on each screw, then repeat until both are fully tightened. Noctua NH-U12A | Installation Manual | LGA115x LGA115x Caution: The supplied backplate will install over the mother- board's stock backplate, so the motherboard's stock backplate must not be taken off. The NH-U12A is the latest addition to this prestigious series and I'm confident that you will be able to sense some of the research, attention and care we've put into making this product. All manuals on ManualsCat.com can be viewed completely free of charge. AM2(+)/AM3(+) FM1/FM2(+) AM4 Caution: Applying too much thermal paste will lower heat conductivity and cooling performance! Noctua NH-U12A | Installation Manual | AMD AMD Caution: Please first take off the fan as well as the protection cover at the bottom side of the heatsink. Please also consult the FAQ section on our website: www.noctua.at/faqs Warranty, support and FAQs ! As it is not possible to reliably calculate or control the forces that act upon a system during transport (e.g. in shipping), we generally recommend, for safety reasons, taking the cooler off. Fan setup 6 Even with high-grade products and strict quality control, the possibility of defects cannot be eliminated entirely. Depending on your CPU and the temperature inside the case, you may interconnect the supplied NA-RC14 Low-Noise Adaptors (L.N.A.) in order to further reduce the fans' operating noise. Fastening the heatsink to the CPU 3 Dear customer, Thank you very much for choosing the Noctua NH-U12A. Please put the backplate on the rear side of the motherboard so that the screw threads of the backplate stick through the mounting holes of the motherboard as shown below. Caution: Choose the alignment of the mounting bars according to the desired final orientation of the cooler: Caution: Choose the alignment of the mounting bars according to the desired final orientation of the cooler: Orientation A Orientation B Caution: Please first take off the fans as well as the protection cover at the bottom side of the heatsink. Dear customer, Thank you very much for choosing the Noctua NH-U12A. This manual comes under the category computer cooling components and has been rated by 2 people with an average of a 9.8. Applying the thermal paste 3 Dear customer, Thank you very much for choosing the Noctua NH-U12A. Alternatively, you can leave the rear fan off and use it as a case fan instead. If there are residual traces of thermal paste or thermal pads on your CPU, please clean them off first. The NH-U12A is the latest addition to this prestigious series and I'm confident that you will be able to sense some of the research, attention and care we've put into making this product. Place the backplate on the rear side of the motherboard so that the bolts stick through the mounting holes. Double check that the heatsink and fan clips do not make contact with the VGA card or other PCIe cards. Removing the stock retention module - Putting the backplate in place 1 Caution: Choose the alignment of the mounting bars according to the desired final orientation of the cooler: If there are residual traces of thermal paste or thermal pads on your CPU, please clean them off first. Fastening the heatsink to the CPU 5 Then put the heatsink onto the CPU and screw it to the screw threads of the mounting bars. Caution: Gently tighten the screws until they stop, but don't use excessive force (max. 2. Please also make sure that your PC case offers sufficient clearance for the cooler and that there are no compatibility issues with any other components (e.g. tall RAM modules). Caution: Never use one adaptor for both fans by putting it before the y-cable. First introduced in 2005, our NH-U12 series has won more than 600 awards and recommendations from leading international ... This manual will guide you through the installation process of the SecuFirm2™ mounting system step by step. If your motherboard does not include a stock backplate, please contact Noctua customer support at support@noctua.at. Transporting your system ! 3. Please also make sure that your PC case offers sufficient clearance for the cooler and that there are no compatibility issues with any other components (e.g. tall RAM modules). 3 Installing the mounting bars First put the plastic spacers onto the bolts of the backplate, then add the mounting bars. Then press a small drop (3-4mm diameter) of NT-H1 onto the centre of the heatspreader. Reattach both fans using the supplied steel clips for maximum cooling performance. Should you encounter any difficulties, please check the FAQs on ourwebsite(www.noctua.at/faqs)anddon'thesitatetocontactour support team at support@noctua.at. Page 2Noctua NH-U12A | Installation Manual | LGA115x LGA115x Caution: The supplied backplate will install over the mother- board's stock backplate, so the motherboard's stock backplate must not be taken off. Fan setup 4 Connect the fan(s) to the motherboard's CPU fan header(s). Prior to installing the cooler, please consult the compatibility list on our website (www.noctua.at/compatibility) and verify that the cooler is fully compatible with your motherboard. By using the 'Select a language' button, you can choose the ... View and Download Noctua NH-U12A installation manual online. Applying the thermal paste Caution: Applying too much thermal paste will lower heat conductivity and cooling performance! 4 Dear customer, Thank you very much for choosing the Noctua NH-U12A. The SecuFirm2™ mounting system will install directly to the stock backplate, so please keep it in place. Page 3Noctua NH-U12A | Installation Manual | LGA115x LGA115x Caution: The supplied backplate will install over the mother- board's stock backplate, so the motherboard's stock backplate must not be taken off. Double check that the heatsink and fan clips do not make contact with the VGA card or other PCIe cards. Noctua cannot be held responsible for any damage or losses caused by compatibility issues. Installing the mounting bars 1 Then put the NM-IMB3 mounting bars onto the bolts. First introduced in 2005, our NH-U12 series has won more than 600 awards and recommendations from leading international hardware websites and magazines. If the cooling performance is insufficient, please increase case ventilation or remove the L.N.A. Even with high-grade products and strict quality control, the possibility of defects cannot be eliminated entirely. Noctua cannot be held responsible for any damage or losses caused by compatibility issues. The NH-U12A is the latest addition to this prestigious series and I'm confident that you will be able to sense some of the research, attention and care we've put into making this product. AMD stock backplate (included with the motherboard) 4x NM-APS4 plastic spacers for AM4 4x NM-ALS1 screws 2x NM-AMB1 mounting bars 4x NM-APS5 plastic spacers for AM2(+)/AM3(+) FM1/FM2(+) If your motherboard does not come with a pre-installed CPU cooler retention module, the AMD stock backplate should be included with the motherboard accessories. Prior to installing the cooler, please consult the compatibility centre on our ... View a manual of the Noctua NH-U12A below. Multilingual versions of this manual are available on our website: www.noctua.at/manuals Required mounting parts: 2x NM-IMB3 mounting bars 1x NM-IBP2 backplate 4x NM-ITS1 thumb screws In case you want to use the cooler on an assembled system and your case doesn't have a cut-out at the rear side of the mother- board tray, you first have to remove the motherboard from the case in order to be able to install the supplied backplate. Enjoy your Noctua NH-U12A! Yours sincerely, Roland Mossig, Noctua CEO This manual will guide you through the installation process of the SecuFirm2™ mounting system step by step. Therefore, we aim at providing the highest possible level of reliability and convenience by offering a warranty period of 6 years and direct, fast and straightforward RMA service. If the cooling performance is insufficient, please increase case ventilation or remove the L.N.A. Fastening the heatsink to the CPU 4 Then put the heatsink onto the CPU and screw it to the screw threads of the mounting bars. Caution: Applying too much thermal paste will lower heat conductivity and cooling performance!Enjoy your Noctua NH-U12A! This manual will guide you through the installation process of the SecuFirm2™ mounting system step by step. If the cooling performance is insufficient, please increase case ventilation or remove the L.N.A. Caution: Please first take off the fans as well as the protection cover at the bottom side of the heatsink. Prior to installing the cooler, please consult the ... Noctua NH-U12A CPU Cooler instruction, support, forum, description, manual Thank you very much for choosing the Noctua NH-U12A. 3. Noctua NH-U12A | Installation Manual | LGA20xx LGA20xx First screw the NM-IBT2 bolts into the screw threads of the LGA20xx socket frame. Caution: Please make sure that the three cut-outs in the supplied backplate align with the screws of the motherboard's stock backplate. Fix the mounting bars using the 4 thumb screws. Removing the motherboard 1 4x NM-IPS1 plastic spacers Orientation A Orientation B Noctua NH-U12A | Installation Manual | LGA115x LGA115x Reattach both fans using the supplied steel clips for maximum cooling performance. NH-U12A computer hardware pdf manual download. Caution: Gently tighten the screws until they stop, but don't use excessive force (max. Should you encounter any difficulties, please check the FAQs on our website (www.noctua.at/faqs) and don't hesitate to contact our support team at support@noctua.at. 1. Noctua cannot be held responsible for any damage or losses caused by compatibility issues. Caution: Choose the alignment of the mounting bars according to the desired final orientation of the cooler: Orientation A Orientation B Caution: Make sure that the curved sides of the mounting bars are pointing outwards. Transporting your system ! Connect the fan(s) to the motherboard's CPU fan header(s). Fan setup 5 Even with high-grade products and strict quality control, the possibility of defects cannot be eliminated entirely. Prior to installing the cooler, please consult the compatibility list on our website (www.noctua.at/compatibility) and verify that the coolerisfullycompatiblewith yourmotherboard.Pleasealsomake sure that your PC case offers sufficient clearance for the cooler and that there are no compatibility issues with any other components (e.g. tall RAM modules). Multilingual versions of this manual are available on our website: www.noctua.at/manuals Required mounting parts: 1x NM-IBP2 backplate 2x NM-IMB3 mounting bars 4x NM-IPS1 plastic spacers 4x NM-ITS1 thumb screws 1 Removing the motherboard In case you want to use the cooler on an assembled system and your case doesn't have a cut-out at the rear side of the mother- board tray, you first have to remove the motherboard from the case in order to be able to install the supplied backplate. Make sure that the curved sides of the mounting bars are pointing outwards. If necessary, use the supplied NA-YC1 y-cable to connect both fans to one fan header. 4 Applying the thermal paste If there are residual traces of thermal paste or thermal pads on your CPU, please clean them off first. Noctua NH-U12A | Installation Manual | AMD AMD If your motherboard comes with a pre-installed CPU cooler retention module, please first remove it by unscrewing it from the backplate. Should you encounter any problems with your NH-U12A, please don't hesitate to contact our support team (support@noctua.at). Then press a small drop (4-5mm diameter) of NT-H1 onto the centre of the heatspreader.

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