
Subject: PCIe from RME

Posted by [Deej \[4\]](#) on Mon, 15 Jan 2007 06:05:31 GMT

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This is a multi-part message in MIME format.

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charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

this just posted to the RME forum:

The HDSPe PCI Card and the HDSPe MADi card are newly engineered=20 PCI-Express versions of their PCI successors. Still based on RME's famous Hammerfall DSP series features and quality the new PCI-Express core ensures full compatibility and maximum performance with the latest high-speed serial bus technology found in all newer motherboards and computers. Furthermore RME=B4s FPGA core ensures full update capability via RME's Secure Flash technology, for further hardware and driver updates.

The HDSPe PCI Card is a short length PCIe x1 card that provides RME=B4s own high-speed serial audio data bus, as used in the Multiface, Multiface II, Digiface and RPM. These systems are owned and used by ten thousands of audio professionals around the planet. If users are looking for a no-compromise high-speed audio solution combined with ultimate compatibility, these devices are still state of the art. The Multiface II and Digiface solutions combine some of the highest possible audio transmission rates and low-latency features you can realize with card-based interface techniques, faster than most serial solutions; combined with flexible connectivity. Artists and studios all over the world rely on these combinations. With the HDSPe PCI Card the further use of the existing range of RME=B4s I/O boxes in next generation computers is secured. As a special addition, the new HDSP PCIe series is prepared to support the use of the TCO, RME's Time Code Option, with Multiface/II and Digiface.

The HDSPe MADi card rounds up RME=B4s Premium Line MADi products as it is now the interfacing flagship to the MADi world. The HDSPe MADi card offers a powerful 128 I/O-channel computer connection. It supports 56- and 64-channel modes as well as Single and Double Wire formats. All 64 inputs and 64 playback channels can be routed and mixed independently to 64 physical outputs. The HDSPe MADi turns every "state of the art" computer into a powerful DAW (Digital Audio Workstation).

The HDSPe MADI offers the most powerful router/mixer implemented on a single PCI-Express card ever. Compared to the existing standard PCI MADI card, the new PCI-Express version offers several advantages, like support for higher sample rates than 96 kHz, TCO support and lower latency.

Both cards come with drivers for Windows XP (multi-client operation of MME, GSIF and ASIO 2.0) and brandnew Windows Vista drivers. Apple users are perfectly served with Power PC and X86 (Intel) drivers providing Core Audio and Core MIDI support.

The HDSPe PCI Card will be available worldwide from March 2007. The HDSPe MADI Card will be available from April 2007. The pricing will be slightly higher compared to the standard PCI card=20 products.

Hmmmm.....if I don't get one of these, I might.....

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Posted by [Deej \[4\]](#) on Mon, 15 Jan 2007 14:26:59 GMT
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Posted by [TCB](#) on Mon, 15 Jan 2007 15:09:10 GMT
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Subject: Re: PCIe from RME

Posted by [TCB](#) on Mon, 15 Jan 2007 15:25:46 GMT

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RME explicitly claims they can get lower latencies using cardbus v. firewire, so I would guess the same would be true of ExpressCard. That said, the market has to be vanishingly small for such a thing.

The real problem for me is that I already own an HDSP RPM which I plan to use for live DJ sets, but no way to use it with my current Dell. I might have to find someone still making laptops with cardbus cards . . .

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Posted by [Chris Ludwig](#) on Mon, 15 Jan 2007 17:33:47 GMT
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ADK Pro Audio
(859) 635-5762
www.adkproaudio.com
chrisl@adkproaudio.com

Subject: Re: PCIe from RME
Posted by [TCB](#) on Mon, 15 Jan 2007 20:50:34 GMT
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Subject: Re: PCIe from RME
Posted by [Chris Ludwig](#) on Mon, 15 Jan 2007 22:01:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Thad,
Why yes I do as a matter of fact.

http://www.adkproaudio.com/systems/saved_system.cfm?systemid=112&saved_id=9603

It's got card bus and express card (you can only use one or the other
not both)

The firewire work s fine on most audio devices but I have seen some
issues with the Presonus Firebox with it but the RME. M-Audio and TC
stuff is working fine so far.
Don't know how well its Linux driver support may be though..:)

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Subject: Re: PCIe from RME
Posted by [Deej \[4\]](#) on Mon, 15 Jan 2007 22:07:23 GMT
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Subject: Re: PCIe from RME
Posted by [Chris Ludwig](#) on Mon, 15 Jan 2007 23:17:50 GMT
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Subject: Re: PCIe from RME
Posted by [excelav](#) on Tue, 16 Jan 2007 00:31:14 GMT
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>>>>> of MME, GSIF and ASIO 2.0) and brandnew Windows Vista drivers.
>>>>> Apple users are perfectly served with Power PC and X86 (Intel)
>>>>> drivers providing Core Audio and Core MIDI support.
>>>>>
>>>>> The HDSPe PCI Card will be available worldwide from March 2007.
>>>>> The HDSPe MADi Card will be available from April 2007.
>>>>> The pricing will be slightly higher compared to the standard PCI
>>>>> card=20
>>>>> products.
>>>>>
>>>>> Hmmmm.....if I don't get one of these, I might.....
>>>>>
>>>>>
>>>>>
>>>>> <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
>>>>> <HTML><HEAD>
>>>>> <META http-equiv=3DContent-Type content=3D"text/html; =
>>>>> charset=3Diso-8859-1">
>>>>> <META content=3D"MSHTML 6.00.2900.2180" name=3DGENERATOR>
>>>>> <STYLE></STYLE>
>>>>> </HEAD>
>>>>> <BODY>
>>>>> <DIV>this just posted to the RME =
>>>>> forum:</DIV>
>>>>> <DIV> </DIV>
>>>>> <DIV>
The HDSPe PCI Card and the
=
>>>>> HDSPe MADi card=20
>>>>> are newly engineered
PCI-Express versions of their PCI successors.

>>> =
>>>>> Still=20
>>>>> based on RME's
famous Hammerfall DSP series features and quality

>>>>> the
>>>>> =
>>>>> new=20
>>>>> PCI-Express
core ensures full compatibility and maximum
>>>>> performance=20
>>>>> with
the latest high-speed serial bus technology found in all=20
>>>>> newer
motherboards and computers. Furthermore RME=B4s FPGA core
=
>>>>> ensures
full=20
>>>>> update capability via RME=92s Secure Flash technology,
for further
>>> =
>>>>> hardware and=20
>>>>> driver updates.

The HDSPe PCI Card is a short length PCIe x1

>>>>> card
>>>>> =
>>>>> that=20
>>>>> provides
RME=B4s own high-speed serial audio data bus, as used
in
>>> the
>>>>> =
>>>>> Multiface,
Multiface II, Digiface and RPM. These systems are owned
>>> =
>>>>> and=20
>>>>> used
by ten thousands of audio professionals around the
>>>>> planet.
If
>>>>> =
>>>>> users=20
>>>>> are looking for a no-compromise high-speed audio solution
combined
>>> =
>>>>> with=20
>>>>> ultimate compatibility, these devices are still
state of the art.
>>> The
>>>>> =
>>>>> Multiface II and Digiface solutions combine
some of the highest
=
>>>>> possible=20
>>>>> audio transmission rates and low-latency
features you can realize
>>> =
>>>>> with=20
>>>>> card-based interface techniques,
faster than most serial solutions;
>>> =
>>>>> combined=20
>>>>> with flexible connectivity.
Artists and studios all over the world

>>> =
>>>>> rely on=20
>>>>> these combinations.
With the HDSPe PCI Card the further use of
the
>>> =
>>>>> existing=20
>>>>> range
of RME=B4s I/O boxes in next generation computers is =
>>>>> secured.
As a=20
>>>>> special addition, the new HDSP PCIe series is prepared
to support
>>> the
>>>>> =
>>>>> use of=20
>>>>> the TCO, RME=92s Time Code Option,
with Multiface/II and =
>>>>> Digiface.

The=20
>>>>> HDSPe MADI card rounds up RME=B4s Premium Line MADI products
as
it
>>> is
>>>>> =
>>>>> now the=20
>>>>> interfacing flagship to the MADI world.
The HDSPe MADI card offers
>>> a
>>>>> =
>>>>> powerful=20
>>>>> 128 I/O-channel computer
connection. It supports 56- and 64-channel
>>> =
>>>>> modes as=20
>>>>> well as
Single and Double Wire formats. All 64 inputs and 64=20
>>>>> playback
channels can be routed and mixed independently to 64 =
>>>>> physical=20
>>>>> outputs.
The HDSPe MADI turns every =93state of the art=94 =
>>>>> computer
into a=20
>>>>> powerful DAW (Digital Audio Workstation).
The HDSPe MADI offers
the
>>> =
>>>>> most=20
>>>>> powerful router/mixer
implemented on a single PCI-Express card=20
>>>>> ever.
Compared to the existing standard PCI MADI card,
the new
>>> =
>>>>> PCI-Express=20
>>>>> version offers several advantages,
like support for higher sample
>>> =
>>>>> rates than=20
>>>>> 96 kHz,
TCO support and lower latency.

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>>> =
>>>>> drivers=20
>>>>> for Windows XP (multi-client operation
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>>> and
>>>>> =

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>>>> --

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