



AquaMark3™

The Reality Benchmark

Community

www.aquamark3.com

Dear Reader!

This is the third and last of the AquaMark3 info packs, before our baby will be released. This issue focuses on the theme "community". What does this word mean to us?

As gamers and developers we always have been part of communities. They are essential to our life and professions. Because with AquaMark3 we created a tool for the avid gamer we thought of the gaming community from the very start. And knowing there are a lot of people out there willing to share their knowledge and experience to help others we focussed a good deal of our development time on supporting the community we expect to grow around AquaMark3.

We are well aware that - after running all necessary tests – your work only just has begun. What do you have to do with the test results? The most of you will have one or maybe two machines? So how can you get any data to make sure your diagnosis is right? Before you buy new hardware, how can you make sure you made the best decision? There are two possibilities: discuss it in a forum and compare with the results of different systems. Our intention is to bring these two platforms as close together as possible!

The AquaMark Forum

The AquaMark forum has been installed when we started aquamark3.com. It's the usual procedure: create a nick, define a password, enter your valid e-mail address and off it goes. As a forum it works pretty much like every professional hardware forum you ever entered.

Our first step in bringing the forum and our AquaMark Result Comparator ARC™ close to each other was to make an immediate change from one to the other possible. Your login for the forum is valid for ARC – and vice versa. One login fits all!

Thus we hope the AquaMark3 ARC™ will become the public scoreboard needed to feed the discussions and make its claims provable without having to login into a different place.

AquaMark ARC™ - AquaMark Result Comparator

When designing the AquaMark ARC™ we came up with a handful of distinctive design goals: the ARC should be the place where every AquaMark user is able to:

- easily administrate his test results even of multiple test runs
- share his results with others
- compare different results between thousands of other systems
- get exact information about the best upgrade for his system
- get all the information needed without being spammed by data overflow



The 3 ARC steps: overview, search, compare

Our Approach

After easily uploading your test results, be it a single run or an automated test series, you can either overview and administrate your results, search for other results and sort them and in the 3rd step compare one of your results with another one down to each and every detail of them. All 3 steps are guided by explanations on the left side and our forum based FAQ lets you ask questions on the ARC that we will answer.

One login fits all

So you're in the forum and want to check for some data in the ARC to feed your arguments? There will be no further login on our sites. The login for the forum automatically logs you on to the ARC and vice versa! So it's a single click and all the data you need is available.

Overview

Each uploaded test session will be listed in your personal overview administration page, the first page you get after entering the ARC. Here you can:

- enter test results and name the measurements
- delete them if not needed any longer
- publish them (or retract them from being published)

Everything with a simple single click, even selecting one of your test results to enter the search area.



Your overview page

Searching

Here you can easily determine the parameters for your search filters in relation to your selected test result. Basically there are six sorting filters:

- AquaMark Score
- AquaMark CPU Score
- AquaMark GFX Score
- Frames per second
- Triangles per second
- Pixel per second

AquaMark ARC - Search

filters against measurements matching the following basic search criteria:

Basic Search Criteria:

Processor type: AMD Athlon XP/Duron [Use My Measurement](#) [Search for Any](#)

Processor speed between: 1800 MHz and 2700 MHz [Use Defaults](#) [Use Approximately](#) [Search for Any](#)

Display card: NVIDIA GeForce FX [Use My Measurement](#) [Search for Any](#)

Extended Graphics Criteria: requires against measurements including the basic and extended graphics criteria.

Core clock rate between: 200 MHz and 300 MHz [Use Defaults](#) [Use Approximately](#) [Search for Any](#)

Memory clock rate between: 400 MHz and 600 MHz [Use Defaults](#) [Use Approximately](#) [Search for Any](#)

Display resolution: 1024x768 [Use Defaults](#) [Use](#) [Search for Any](#) [Use Defaults](#) [Use](#)

Anti-aliasing mode: off [Use Defaults](#) [Use](#) [Search for Any](#) Quality level: 80% [Use Defaults](#) [Use](#)

Screen Resolution: 640 [Use Defaults](#) [Use](#) [Search for Any](#) Color Level: Very High [Use Defaults](#) [Use](#)

Comparative Basis: See order of measurements list for:

Aquamark Score Aquamark CPU Score Aquamark GPU Score

Average Frames per Second Average Triangles per Second Average FPS per Second

Search using above criteria: [Expand all criteria fields to Search for Any](#)

Searching for comparable test results

Note that not all test results deliver data in each of the filters. Furthermore you define the range of test systems you want to compare with. You're able not only to determine nearly each system component but also the test parameter settings of the results you want to see. A feature not yet seen in other benchmark result checkers! With another single click you are able to select the one test result you want to compare with in detail.

Search using above criteria: [Expand all criteria fields to Search for Any](#)

Your Measurement to Compare is ranked under the search criteria on rank #14 which is on page 2.

#14	Aquamark Score (vs. CPU clock, GPU and FPS) (vs)	FPS: 30.45	TPS: 2605 K	Your Measurement
CPU:	AMD Athlon™ XP 2100+	CX: 1800 MHz	GPU: 312 MB	OS: Microsoft Windows XP
GPU:	NVIDIA GeForce FX 4500	CX: 200 / 540 MHz	VRAM: 128 MB	OS (VR): 6.14.1.4345
RES:	1024x768 x 32Bit	AA: Off	AL: Off	DTAS: 0 Very High
INFO:	Detailed: 2003-09-13, "Benchmark test systems andruns (2003-09-01 16-20-55)"			

Search Results: (including your measurement at its rank)

on Aquamark Page: Get: 16 of 79 Get: Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

#1	Aquamark Score (vs. CPU clock, GPU and FPS) (vs)	FPS: 46.79	TPS: 5222 K	Detailed Comparison
CPU:	Duron™ (K) 4 processor - HTx2	CX: 2800 MHz	GPU: 312 MB	OS: Microsoft Windows XP
GPU:	NVIDIA GeForce 6700 PRO/GMx 512	CX: 324 / 511 MHz	VRAM: 128 MB	OS (VR): 6.14.1.4324
RES:	1024x768 x 32Bit	AA: 4x QS	AL: 4x	DTAS: 0 Very High
INFO:	More: 2003-09-06, "Benchmark 2003-09-06 18-18-11 (Barbus test net)"			

#2	Aquamark Score (vs. CPU clock, GPU and FPS) (vs)	FPS: 40.34	TPS: 4830 K	Detailed Comparison
CPU:	Duron™ (K) 4 processor - HTx2	CX: 2800 MHz	GPU: 312 MB	OS: Microsoft Windows XP
GPU:	NVIDIA GeForce 6700 PRO/GMx 512	CX: 324 / 511 MHz	VRAM: 128 MB	OS (VR): 6.14.1.4324
RES:	1024x768 x 32Bit	AA: Off	AL: Off	DTAS: 0 Custom
INFO:	More: 2003-09-18, "Benchmark 2003-09-08 18-11-08"			

The test results returned on the search page

Comparing

After selecting the one test result you want to compare with, you get lists of system components and test settings used in both your test and the test to compare with. Differences will be marked in red. A variety of bars and tables now give you easily understandable information about the differences in the two systems – and what they mean for the test results. A correct analysis of the test results is at your hands.



Score Comparison of two test results

How do we get the data?

All data you upload is from the system you ran the test on. So you can easily run the test on a different machine than you run your internet browser on.

We use Entech™ technology [<http://www.entechtaiwan.com/>] to detect your clock speed and read all other information from your system. Of course you are able to see the submitted information before upload.

We only take the data we need, and even more: **we** don't publish anything. If you don't want people to know about your system, that's fine with us. You don't have to make any of your results public. All measurements are listed as private per default on your overview page.

We don't take any data not necessary for result comparison and all the information we take will be displayed in your test results. So you know what we get.

What can you do with the information?

You can keep the test results to yourself. But to be honest: that's not what benchmark results are for. So we think it's a good idea to share them. And compare them with other people willing to share their results.

Now if you're a hardware specialist you know what to do with your system after running the benchmark and checking in the ARC. But probably you already have the killer machine anyway. So what about joining our forum, helping other people to determine the weak spots in their systems? They have the data, you have the knowledge. And if you don't have the knowledge, then finding someone there knowing what you want to know is a simple thing.

Remember: the forum is just one click away. No second login needed!