

We have made obsolescence, obsolete

AST has a history of introducing innovative products that meet the needs of personal computer users. From the beginning, sophisticated users appreciated the technically superior AST enhancement products. The AST name continues to be associated with the words "quality" and "reliability".

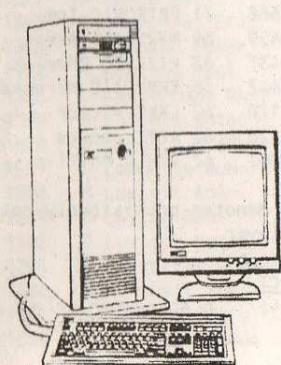
AST has continued this reputation with the release of CUPID-32 architecture.

CUPID stands for Completely Universal Processor I/O Design. This means that you can buy computers with the right level of performance for your requirements today and in the future, when you require more processing power, you do not need to invest in an entire new computer system. CUPID-32 allows you to upgrade your existing computers by replacing one board with another. The savings, both in terms of money and time are tremendous.



Which Computer Should I buy Today?

AST currently has a wide range of computer systems available to suit you needs. From entry level 286 desktops to the high performance 486/33 EISA floor standing series.



ASTComputers Head Office: 02 418 7444
 Victorian Branch: 03 823 4470
 Wellington NZ Branch: 04 845 294
 Auckland NZ Branch: 09 302 5080



April 1991 AST Australian Rating List

<u>Players over 2100</u>	2115 0 V GINAT Michael b.	1751 14 W FARBER Timo	1565 26 Ali Mosaddeque	1239 6 Mcaveney John	1394 0 Amberson Charles
2552 0 N ROGERS Ian	2113 11 W PARTIS Michael t.	1697 12 W TEH Eu jin	1683 0 Alps John B.	1432 4 McCart Roger	1417 7 Andersen Leif V.
2492 14 V JOHANSEN Darryl k.	2112 5 V LEWINSKY Stephen d.	1645 14 N HAY Ry	1702 0 Austin David	1147* 7 McNeill Michael	950 0 Andrews Paul John
2473 29 Q SOLOMON Stephen	2111 0 N PAUNOVIC Momcilo	1618 15 N CHISHOLM Tom	1543 0 Austin John	1920 0 Mescher Michael	1194* 5 Armstrong B.
2412 9 S DAVIDOVIC	2107 0 A FERRIS David t.	1521 15 V RUTHERFORD Simon	1496 0 Barbetti James	1782 0 Meyer R.K.(Bob)	1573 11 Art Karl
Aleksandar		1473 14 W TEH Sulyn	1785 0 Bartlett Stephen C	1369 0 Miller Karl	1381 0 Aschoff Rudolf
2392 6 V JAMIESON Robert m	<u>Top 20 Female Players</u>	1437 10 Q PIZZATO Charles	950* 6 Bell Sally	1537 0 Mugford Stephen	1408 4 Ascic Steve
2352 18 V WEST Guy	2034 0 N DEKIC Biljana	1422 14 Q SENGSTOCK Steven	1242* 7 Blount WARWICK	1229* 7 Munro Geoff	1009 0 Ashton David
2346 11 N HALPIN Patrick	1883 0 S SLAVOTINEK Dr anne	1416 14 N WRIGHT Ian	1181* 4 Bowman Stephen	1016* 3 Murdoch Zoe	1634 0 Assaei Bijan
2343 39 V KAGAN Naum	1814 0 W SOTO-OLIVO Gina l.	1372 15 V DAVIES Alex	1074 0 Brickhill RUSSELL	1418 5 Murphy Peter	1339 5 Au Andrew
2334 21 N GEDEVANISHVILI	1764 0 S MOTT Marion e.	1348 14 Q EDWARDS Jacob	1623* 5 Brown Colin	1190* 7 Obrien Rory	1635* 1 Baba John
Dimitri	1763 0 W THOMSON Mary e.	1345 15 N GANESAN Anand	1797 0 Butler Brian J.	1781 0 Petersons Haralds	1525 0 Babic Michael S.
2312 16 W BARBER Haydn j.	1749 0 N WRIGHT Josie h.	1339 14 N AU Andrew	1613 0 Butler Geoff	1667 10 Press Shaun P.	965* 4 Back David
2300 23 N KANIKEVICH	1677 0 N WILKIE Blanche t.	1338 14 N BOWLING David	1285 0 Clark David	1265 9 Pullicino Peter	941* 3 Back Jason
Alexander	1671 0 S MARTIN Anne p.	1336 15 V GALATAS Jamie	931* 2 Clive Tina	835* 1 Rajavelu Ganesh	1198 0 Bagley Morton
2268 0 V PRODS Arvids	1667 0 S REES Jane	1332 12 W ELLIS John	1386 3 Connell Patrick	1788 0 Ramakrishna	1446 0 Baikovas George R.
2250 18 N CANFELL Gregory j.	1620 0 N ROGERS Cathy L.	1328 13 W DWYER Danny	1066* 3 Cooke John	Gogulapati	1105 0 Bailey Philip L.
2244 0 N FULLER Max l.	1606 0 S CLEMENTI Jill	1302 13 Q HOLLOWAY Roseanne	1254* 3 Coombs Simon	1311* 6 Reardon Sean	1346 0 Baker Arnold
2239 12 V DRUMMOND Matthew	1601 0 V MILLS Natalie	1302 13 W O'SHEA Michael	1911 0 Creech Ken E.	1497 0 Redgrave John	1294 0 Baker John A.
2230 5 Q LAIRD Craig	1575 0 S CRAIG Carin a.	1297 13 N TINDALL Brett	1153* 3 Davenport Daniel	1664 28 Reeves Tristan	876* 8 Baker Tom
2226 21 V DEPASQUELLE Chris j.	1506 0 Q SOLOMON Janeen e.	<u>5 strongest players under 12</u>	1633 0 Denoskowski Adrian	1426 0 Riggs Robert	1387 4 Balean Robin
2219 15 N MICHELAKIS George	1498 3 V COLLINS Patricia	1437 10 Q PIZZATO Charles	1499 32 Deveraj Vasu	1676 0 Roberts Stephen A.	1657* 3 Ball Cliff
2217 9 N WOHL Alex h.	1497 0 N SANTIANO Isagani	1268 8 Q MARTIN Jared	1424 0 East William	1710 0 Robertson Keith	1589 0 Barakat Martin
2196 9 N CURTIS John	1491 2 N JONES Nancy l	1232 11 V SEE Daniel	1656 0 Edmonds Graeme	1437 0 Rose Jim	2047 0 Barker Geoff H.
2196 0 N HAY Trevor	1489 0 N LIANG Xingping	1179 11 Q TAN Alex	1560 0 Egan W.(Bill) O	1819 0 Rout Ian C.	1286 0 Barnes David C.
2195 15 V JORDAN Bill	1473 8 W TEH Sulyn	1073 10 V FONG Derek	1306* 4 Ellis STEVE	1177 0 Salvage A.C.(Tony)	1478 9 Bartos Martin
2194 15 N PICKLES Stephen m.	1449 0 N MARGAN Susan e.	<u>20 strongest players under 20</u>	2107 0 Ferris David T.	1168 10 Shirazi Amir	1787 0 Bazak Frank T.
2192 0 V HAMILTON Douglas g		1301 149 SZABO Michael	1319* 7 Filing Richard	2006 0 Simpson Peter M.	1356* 7 Beauvinea Arnauld
2190 0 V BOOTH Stewart	2077 19 N STEPHENS Malcolm	2059 19 N HILL Shane m.	1269* 2 Forace Lee	1420 0 Solomos JOHN	1417 0 Beeh Tom
2187 9 V LEVI Eddy l.	2002 17 N JONES Lee r	1074 144 HALL Travis	1418 15 Galli Karl	1937 0 Stirling J. Nathan	1033* 1 Beeston Jules
2186 0 Q MORRIS Colin	1952 18 S HANIEH Adam	1190 140 MCDONALD Joel	1894 0 Grcic Milan	1844 6 Telfer Ken	2163 6 Belin Igor
2176 0 S VASSILAROPOULOS	1941 17 N COTTON Peter	1895 128 WALLACE John-paul	1444 9 Green Robert	1594 6 Vanscheepen Fritz	1192* 4 Ben-nissan Janiy
Nick	1939 19 S SPECK Nicholas s	1620 90 COOPER S	2020 5 Haron Greg	2006 0 Vowles Justin	1447 6 Benedek Les
2173 0 S ZARIC Srboljub	1909 18 V KAGAN Michael	1267 88 BRUCK Patrick W.	1603 0 Hartstein Alan	1391 0 Vukovljak DANIEL	1665 19 Bennie Mark B.
2169 5 N REILLY Tim	1895 14 N WALLACE John-paul	1056 85 STAWSKI Nick	1172 0 Hawes Robert	1179 4 Watson Frank	1596 0 Beretov Kosta
2169 5 V ZEIDLER Sven	1857 18 Q ALLEN Andrew p	1355 83 HOLLAND Tony	1711 11 Hellmann Oscar	1254 3 Whymark Greg	1578 0 Beslic Ivan
2168 5 V HACCHE David j.l.	1831 19 N HIRSCHHORN Jeremy	1180 81 GOUDY Arthur	1867 0 Hills Richard JB	1491 10 Wood Jeffery	2036 0 Bezhanov Alex
2166 0 S HORNUNG Konrad r.	k.	1831 73 BEDI Adam	1724 0 Hosking Ian	1383 0 Wood Leo	1445 0 Biag Ernie
2166 0 N SHAW Terrey i.	1814 19 N GLEAVE Andrew r.	1247 72 HANSEN Leif	1329* 4 Hummil Mark	<u>NSW</u>	1315 0 Bidmon Herman
2163 6 N BELIN Igor	1793 17 N CREGAN Robert	1990 71 FELL Lloyd s.	1836 5 Hyland Peter L.	1649 5 Aavelaid Urmas	1647 0 Bishop Matthew J.
2161 4 N JONES Brian a	1767 18 T FEARNLEY-SANDER Ben	1368 71 PETROVIC Tom	1277 10 James Neil	1679 0 Abecina Wulmar	1423 0 Bittman William S
2157 0 V POWELL David g.m.	j.	1459 69 MARSHALL Brett	1343 0 Jochimsen Eric	1293 0 Abernethy David A.	1823 21 Black Kevin J.
2155 8 N FLATOW A.(fred)	1759 18 N BOLDEMAN Andrew j.	1437 68 PIZZATO Charles	1363 0 Johnson Peter	2021 19 Abouchaaya Tony	948 0 Blackman Craig
2153 0 N SEBERRY Ralph b.	1751 14 W FARBER Timo	1642 66 KRMPOTIC Miroslav	1122* 1 Keating Paul	1802 0 Achdiat Jimmy	1223 2 Blackman David
2149 0 N PARSONAGE Ian p.	1718 17 Q MELDRUM Andrew	1170 62 LANE Victor	1343 0 Kestermann HANS	1226* 8 Ackroyd Kevin	1330 0 Blake Richard R.
2149 5 V SMITH Andrew	1702 17 A AUSTIN David	1126 62 RETY Jaques	1390 0 Kolleth Anthony	1278 0 Adler Gordon	1543 6 Bleyer Charles
2138 0 N KARAMIAN Serjik	1700 17 V HELY Robert	2061 62 VINER Phillip j.	1876 0 Korda A.C.(Gus)	1996 6 Agulto Edgardo	1683 16 Boatwain Geoffrey R
2137 0 W BALLANTYNE W.(bill)	1698 18 V ZAPRUDSLKY George	* denotes provisionaly rated	1597 0 Lamberts Gunars	1855 0 Akef Mohammed	1091* 5 Boccalatte Mark
2134 0 W BELL Graham m.	1697 12 W TEH Eu jin	player	1088 8 Laslett Adam	1772 0 Albert M(Chips) S	1270 0 Bodorkas Simon
2127 0 W PANG K. leong	1692 18 S MONK Leigh	1467 6 Ackermann Helmut	1279* 5 Layton Paul	1835 0 Alcantara Eddie A.	1506 0 Bogdanoski Petre
2123 0 S PEAKE Andrew e.	1895 14 N WALLACE John-paul		1508 0 Leviton Peter	1305 5 Alcock Barry G.	1759 0 Boldeman Andrew J.
2123 4 Q MARKOV Joseph			1204 0 Majchrzak Dominic	1711 0 Alejandro Mel S	1024* 4 Boldeman Geoffry
2118 0 S CHAPMAN Mark			1686 0 Marshall Justin R.	1331 0 Alexander John A.	1204 0 Boldeman Steven J.
2118 0 N SZEKELEY Mihaly			1564 6 Martens Gerry	1819 0 Allison Brian C.	2032 18 Bolens Johnny
2117 0 V HILL Robin d			1863 0 Mautner Thomas	1258* 6 Allsopp James	1191 0 Bonsing Jack

April 1991 AST Australian Rating List

847*	1 Carney Stephen	1128	10 Dougherty George	1049*	8 Hagen Chris	2230	5 Laird Craig	863	5 Mulholland Debbie	
QLD	309*	3 Carty Joel	825	3 Douglas-savage	1359	0 Haines Steven	672*	8 Lam Sam	1291	12 Mulholland Phillip
1194	5 Able Jason	1775	8 Cashman Michael	632*	1 Hall Janet	758*	2 Lam Stanley	1407	0 Muller Hans-Peter	
988*	6 Abraham Mark	1332*	2 Cassidy Tim	1064	15 Hall Jonathan	1145	8 Law Bernard	1728	0 Muller Igor	
966	10 Adams Noel	1482*	7 Catayong Edgar	1074	23 Hall Travis	797	9 Lear Chris	1372	3 Murray Ian C.	
819*	4 Adams Peter	1112*	2 Cavenagh Nicky	1432*	1 Hamilton Vince	307*	1 Lee Samuel	1990	0 Myers John	
1538	10 Agate Wayne	1367	0 Cevallos Carlos	557*	2 Hanlon Andrew	815	5 Legrand David	776*	1 Myers Melvyn	
1450	4 Ager John C.	852*	6 Chai Nicholas	1247	11 Hansen Leif	1293	0 Leitner Chris	894*	1 Myers Tim	
1857	7 Allen Andrew P	1799	13 Chalupa Paul	1464	0 Harper Lin	965	15 Leskiewicz Max	447*	2 Nair Ashvin	
1268	10 Andersen Jens	736	0 Chapman Archie	909	6 Harvey Leigh	1668	0 Lester George E.	1189	0 Napier Darren	
1484	0 Anskey Nicholas	784*	2 Chappell David	1205*	4 Haug Herbert	1441*	2 Lester Greg	1111*	5 Nash Ricky	
1684	0 Ansky Nick	840*	1 Chen Michael	1155*	7 Hicks Richard	1084*	2 Lewis Peter	1633	0 Nerowski John	
1769	0 Appleton David A.	1215*	3 Chess John	901*	6 Hiller Peter	882	2 Lloyd Matthew	1401	0 Nest Gus	
1234	6 Archibald Scott	1066*	1 Chettle Glen	1210	6 Hislop Ted	1028*	4 Loane Gayle	1348*	3 Newman Cliff	
831	9 Askew James	915*	1 Chettle Jason	1324	8 Hixon Richard	1122*	3 Loane Marcus	852*	8 Newton Gary	
838*	7 Atfield Cameron	1058*	4 Chidley John	1560	4 Hodges Noel J.	851	4 Lomsargis Adam	886*	3 Ng Ben	
1504	6 Ballock G P	1194*	5 Clarke Adam	1995	0 Holliday Bruce M.	1183	0 Long Hong Stan	641	6 Nguyen Alan	
1308	11 Bankins Alexis	1645	9 Clarke Peter	1687	17 Holloway Dr Colin J	439*	2 Longland Frank	1062	5 Nguyen Jeremy	
970*	4 Banna Anna	1616	4 Clarry Steve J.	1302	19 Holloway Roseanne	1075	0 Longworth James	1271	0 Nillson Peter	
1160	0 Barclay John	1486	0 Clauson Bent	617	0 Holm Alycia	1791	9 Lord Les	778	9 Nissen Jason	
1048*	6 Barker Andrew	1495	11 Coard Frank	1011	21 Holm Rafe	1432	0 Lynam Kerry J.	892*	6 Noakes Ammon	
1618	6 Barker Ken A.	706	12 Cohn Alexander	1386	0 Horwood Melba	851*	8 Ma Davin	1315	0 Norman Ralph	
1379	0 Barker Robert	975*	6 Collier John	1610	8 Houston Andrew	1080	0 Macbean Paul	1994	12 Norris Damian	
1497	0 Beattie Malcolm	602	0 Collins Simone	517*	1 Howe Geoff	884*	2 Macdougal Graham	1308	0 North Charlie	
1224	11 Bedi Adam	1348	0 Confoo Alan	619*	4 Huggett Matthew	1129*	6 Macfadyen Phil	1092	10 North Malcolm H.	
1504	0 Begg T J	1425	0 Connors Colin	1514	0 Humphries Steven	1272	0 Macnaught David	1678*	1 Nurser Russell	
982*	2 Beith Jill	603	0 Constable	1218	1 Ilett Michael	997*	2 Main Malcolm	887	8 Nuyen Kym	
1735	7 Belton Chris	Christopher		907	14 Imison Nigel	706*	5 Majunder Suman	1334*	7 Nyland Peter	
1274*	3 Bennett Errol	1791	10 Corker Kerry P.	1109	7 Irving Michael	1731*	5 Manongas Jesse	1592	0 O'Neill Peter B.	
1651	6 Berry Luke	1549	0 Correas Ricardo	1418	12 Jeffries Derrick	1112*	6 Marchant Cameron	1094*	5 Okullo Ben	
681*	2 Billman Kerry	1114	0 Corvin Sidney F.	843*	5 Johnson Mark	1361*	5 Markart Sepp	1242	0 Olsen Noel	
633*	4 Bitossi Keith	1230*	1 Cosgrave Peter	711*	2 Frappell Simon	2123	4 Markov Joseph	684	5 Ong Li	
1396	12 Blackman Phillip	1720	12 Craven Mark A.	654*	4 Fredrick Ian	920	9 Johnson Natalie	1275	0 Orchard Andrew	
480*	3 Bochniak Alex	1487	5 Crocker Michael C.	1503	0 Frelek Ray	986	9 Johnston Collin	1378*	2 Oster Shane	
1445	0 Bohl Renato	1589	0 Cronin Peter	843*	1 Fripp Brian	982*	8 Johnston Jayde	1033	7 Overton Neil	
1469	4 Bond Bruce	1086*	2 Crossan Phillip	1253	0 Garthe Tony	345*	2 Jordan Nick	958	6 Owen John	
1321	0 Bostrom Lars	537*	5 Cruz Jose	1058*	3 Ghilotti Kodie	976*	3 Kalokerinos Paul	2025	15 Pardoen Alain	
1397	0 Botsman Kevin J.	1591	0 Curtis Tom R.	1151*	4 Ghilotti Shannon	1763	0 Katavic Mark	1188	8 Parker Owen	
1383	0 Bouwman Bill	918*	3 Czamecni Heinz	1111	0 Gill Sam	668*	6 Kennedy Chris	802	6 Parsons Sean	
1348	9 Bowcock Geoff	1324	9 Czapla Jan	1707	6 Gillies Ian K.	668*	6 Kennedy Chris	1578	6 Pass Evan G.	
1265	0 Bowen Jim	1008*	4 D'andrea Gill	621*	5 Giuffre Christian	1300*	4 Kerr Alistair	1334	12 Patissier Dominic	
900*	3 Bragg Phil	1140*	6 Daniell Stephen	1381*	5 Goddard R	1315*	3 Kerr Matthew	1356	9 Pavelka Tony	
1279	10 Braybrooke Norm	1179	0 Daniels Harry	1186	6 Goldsmith Alex	840*	2 Kim William	494*	2 Pearce Benjamin	
1579*	4 Brdjanovic M	1812	5 Davidovici Victor	1070	0 Goltz Peter	1126*	0 King Josie	341*	1 Pearce David	
1263*	4 Bridgeman Ian	1147	8 Davis Kerry	241*	2 Gonzalez Roger	1335	0 Kirkman Phillip	807	7 Pearce Guy(Geoffrey)	
988	0 Bromet Marcus	1494	0 Davis Norman H.	743	0 Gordon-brown Michael	1240	0 Klebba Herbert	1281*	5 Pembroke Patrick	
1138*	5 Brown Aaron	1081	6 Dawson Glen	1446	0 Gough K.John	1355	0 Klerkx Alf	1256*	5 Penlington Paul	
1421	0 Bugden Ron	1194*	1 Dawson Mark	1442*	4 Granger Phil	2017	4 Klooststra Juan	340*	1 Petchell Brendan	
1126*	2 Burke Ingrid	1086	9 Deient Erwin	982*	6 Groffman Adam	1066*	1 Knack David	1548	0 Petersen R	
845*	1 Burrow Andrew	587	0 Delisser Peter	1153	0 Groffman Steven	1036	3 Knight Damien R.	1288*	4 Peterson Ray	
977	7 Butler Jeffery	900	0 Delisser Richard	1485	0 Grose Neil	1033	3 Knight Julian R.	1499	11 Petrie Dr. Jim	
875	6 Butler Oran	1777	2 Denne Terry	1034	4 Groth Bill	1485	16 Knight Lindsay G.	1140	2 Picknell Dave	
1714	0 Byrom Patrick	1332	15 Devine G A O	1244	1 Gualberto George	1408	12 Krings Dieter	1437	24 Pizzato Charles	
1100	0 Cameron R.(Ewan)	1627	0 Devine Greg	1494	11 Guest John	1238	0 Kublick Brian	397*	4 Pizzato Daniel	
1952	7 Campbell Murray D	1342	6 Djordjevic Lou	1576	0 Gyimesy Harold	938	16 Lachish Ilan	1040*	2 Pomplun Michael	
				900*	1 Haag Alejandro	409*	3 Lagos Michael			

