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System overview

Processor Performance source:
https://www.cpubenchmark.net/singleCompare.php

	Tablet	Computer											
	ARM® -CPU	INTEL® x86-CPU											
CPU-Type		**CPUx5**	**CPUx7**	**CPUa7**	**CPU6**	**CPU11**						**CPU14**	
CPU-Performance Class	**Medium**	**Entry**	**Medium**	**High**	**High**	**Ultra-High**						**Super-Ultra-High**	
Processor Series	ARM® Processor	Intel® Atom™ Processor	Intel® Atom™ Processor E3900 Series	Intel® Atom® x7000RE Series	Intel® Atom® x6000 Series	Intel® Core™ 11th Generation						Intel® Core™ 14th Generation	
Processor(s)	**RK3399**	**x5-E3930**	**x7-E3950**	**x7433RE**	**x6413E**	**i3-1115G4E**	**i5-1145G7E**	**i7-1185G7E**	**i3-1115G4E**	**i5-1145G7E**	**i7-1185G7E**	**Ultra 5 125U**	**Ultra 7 165H**
CPU-Mark (Multi-Core Performance) approx.	2.000	900	2.100	3.600	3.800	4.000	6.600	7.200	5.800	9.400	10.400	17.400	26.400
Single Tread Rating (Single-Core Performance) approx.	1.200	640	740	1.400	1.480	1.800	1.800	1.900	2.600	2.500	2.700	3.300	3.500
Graphics Controller		Intel® HD Graphics	Intel® HD Graphics	Intel® SoC Graphics	Intel® Gen11 Graphics	Intel® Gen 12 Graphics				Intel® Gen 12 Graphics		Intel® Gen 14 Graphics	Iris Xe Graphics
CPU Cooling systems	passive (fanless)	passive (fanless)	passive (fanless)	passive (fanless)	passive (fanless)	passive (fanless)			passiv (fanless) / active (with fan)			passive (fanless)	passiv (fanless) / active (with fan)

		Display size [inch] / Graphics	Operating Temperature	Article No.	CPUx5	CPUx7	CPUa7	CPU6	i3-1115G4E	i5-1145G7E	i7-1185G7E	i3-1115G4E	i5-1145G7E	i7-1185G7E	Ultra 5 125U	Ultra 7 165H
Computer	notion.A3_CPU6 (IP20)	18,5 (fullHD)	0...50 °C	778-21975				x6413E								
	notion.A3_CPU11 (IP20)			778-21978								i3-1115G4E	i5-1145G7E	i7-1185G7E		
	notion.A3_CPU14 (IP20)			778-21967											Ultra 5 125U	Ultra 7 165H
	notion.A3_CPU6 (IP65)	18,5 (fullHD)	0...50 °C	778-21974				x6413E								
	notion.A3_CPU11 (IP65)			778-21979								i3-1115G4E	i5-1145G7E	i7-1185G7E		
	notion.A3_CPU14 (IP65)			778-21968											Ultra 5 125U	Ultra 7 165H
	notion.B400_CPUx7	HDMI / VGA	0...50 °C	778-34999		x7-E3950										
	notion.B420_CPU6	DP / DP (USB-C)	-20...50 °C	778-34997				x6413E								
	notion.B430_CPU11	DP / DP	0...50 °C	778-34995					i3-1115G4E	i5-1145G7E	i7-1185G7E	i3-1115G4E (with fan)	i5-1145G7E (with fan)	i7-1185G7E (with fan)		
	notion.B440_CPU14	HDMI / DP	0...50 °C	778-34994											Ultra 5 125U	Ultra 7 165H (with fan)
	notion.C_CPUx7	10,1 (WXGA)	0...50 °C	778-11993		x7-E3950										
	notion.C_CPUa7	10,1 (WXGA)	-20...50 °C	778-11976			x7433RE									
	notion.C_CPU6	10,1 (WXGA)	-20...50 °C	778-11992				x6413E								
	notion.D_CPUx7	15,6 (fullHD)	0...50 °C	778-41990		x7-E3950										
		18,5 (fullHD)		778-41993												
		21,5 (fullHD)	0...45 °C	778-41992												
		43 (fullHD)		778-41975												
		43 (UHD)		778-41971												
	notion.D_CPU6	15,6 (fullHD)	-20...50 °C	778-41968				x6413E								
		18,5 (fullHD)	0...50 °C	778-41967												
		21,5 (fullHD)	0...45 °C	778-41966												
		24 (fullHD)	0...50 °C	778-41954												
		43 (fullHD)	0...45 °C	778-41965												
		43 (UHD)		778-41964												
	notion.D_CPU11	15,6 (fullHD)	0...50 °C	778-41978					i3-1115G4E	i5-1145G7E	i7-1185G7E	i3-1115G4E (with fan)	i5-1145G7E (with fan)	i7-1185G7E (with fan)		
		18,5 (fullHD)		778-41977												
		21,5 (fullHD)	0...45 °C	778-41976												
		24 (fullHD)	0...50 °C	778-41956												
		43 (fullHD)	0...45 °C	778-41972												
		43 (UHD)		778-41970												
	notion.D_CPU14	15,6 (fullHD)	0...50 °C	778-41950											Ultra 5 125U	Ultra 7 165H (with fan)
		18,5 (fullHD)		778-41949												
		21,5 (fullHD)	0...45 °C	778-41948												
		24 (fullHD)	0...50 °C	778-41947												
	notion.D3_CPU6	15,6 (fullHD)	-20...50 °C	778-41963				x6413E								
		18,5 (fullHD)	0...50 °C	778-41961												
		21,5 (fullHD)	0...45 °C	778-41959												
		24 (fullHD)	0...50 °C	778-41955												
	notion.D3_CPU11	15,6 (fullHD)	0...50 °C	778-41962					i3-1115G4E	i5-1145G7E	i7-1185G7E	i3-1115G4E (with fan)	i5-1145G7E (with fan)	i7-1185G7E (with fan)		
		18,5 (fullHD)		778-41960												
		21,5 (fullHD)	0...45 °C	778-41958												
		24 (fullHD)	0...50 °C	778-41957												
	notion.D3_CPU14	15,6 (fullHD)	0...50 °C	778-41945											Ultra 5 125U	Ultra 7 165H (with fan)
		18,5 (fullHD)		778-41953												
		21,5 (fullHD)	0...45 °C	778-41952												
		24 (fullHD)	0...50 °C	778-41951												
	notion.F2 (IP33)	10,1 (WXGA)	0...45 °C	778-21972	x5-E3930											
	notion.F2 (IP65)	10,1 (WXGA)		778-21971												
	notion.H_CPUx7	10,1 (WXGA)	0...50 °C	778-61998		x7-E3950										
	notion.H_CPUa7	10,1 (WXGA)	-20...50 °C	778-61994			x7433RE									
	notion.H_CPU6	10,1 (WXGA)	-20...50 °C	778-61997				x6413E								
	notion.H2_CPUx7	10,1 (WXGA)	0...50 °C	778-61996		x7-E3950										
	notion.H2_CPUa7	10,1 (WXGA)	-20...50 °C	778-61993			x7433RE									
	notion.H2_CPU6	10,1 (WXGA)	-20...50 °C	778-61995				x6413E								
	notion.S_CPU6	15,4 (WXGA)	0...50 °C	778-11978				x6413E								
		15,6 (fullHD)	-20...50 °C	778-11985												
		18,5 (HD)	0...45 °C	778-11989												
		18,5 (fullHD)	0...50 °C	778-11984												
		21,5 (fullHD)	0...45 °C	778-11983												
	notion.S_CPU14	15,6 (fullHD)	0...50 °C	778-11982											Ultra 5 125U	
		18,5 (fullHD)	0...50 °C	778-11981												
		21,5 (fullHD)	0...45 °C	778-11980												

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System overview

	Tablet ARM® -CPU	Computer INTEL® x86-CPU											
CPU-Type		**CPUx5**	**CPUx7**	**CPUa7**	**CPU6**	**CPU11**						**CPU14**	
CPU-Performance Class	**Medium**	**Entry**	**Medium**	**HIgh**	**High**	**Ultra-High**						**Super-Ultra-High**	
Processor Series	ARM® Processor	Intel® Atom™ Processor	Intel® Atom™ Processor E3900 Series	Intel® Atom® x7000RE Series	Intel® Atom® x6000 Series	Intel® Core™ 11th Generation						Intel® Core™ 14th Generation	
Processor(s)	**RK3399**	**x5-E3930**	**x7-E3950**	**x7433RE**	**x6413E**	**i3-1115G4E**	**i5-1145G7E**	**i7-1185G7E**	**i3-1115G4E**	**i5-1145G7E**	**i7-1185G7E**	**Ultra 5 125U**	**Ultra 7 165H**
CPU-Mark (Multi-Core Performance) approx.	2.000	900	2.100	3.600	3.800	4.000	6.600	7.200	5.800	9.400	10.400	17.400	26.400
Single Tread Rating (Single-Core Performance) approx.	1.200	640	740	1.400	1.480	1.800	1.800	1.900	2.600	2.500	2.700	3.300	3.500
Graphics Controller		Intel® HD Graphics	Intel® HD Graphics	Intel® SoC Graphics	Intel® Gen11 Graphics	Intel® Gen 12 Graphics				Intel® Gen 12 Graphics		Intel® Gen 14 Graphics	Iris Xe Graphics
CPU Cooling systems	passive (fanless)	passive (fanless)	passive (fanless)	passive (fanless)	passive (fanless)	passive (fanless)			passiv (fanless) / active (with fan)			passive (fanless)	passiv (fanless) / active (with fan)

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		Display size [inch] / Graphics	Operating Temperature	Article No.	
Tablet	notion.A3	18,5 (fullHD)	0…50 °C	778-23984	RK3399
	notion.D	15,6 (fullHD)	0…50 °C	778-43993	RK3399
		18,5 (fullHD)		778-43998	
		21,5 (fullHD)	0…45 °C	778-43999	
	notion.D3	15,6 (fullHD)	0…50 °C	778-43991	RK3399
		18,5 (fullHD)		778-43990	
		21,5 (fullHD)	0…45 °C	778-43989	
	notion.F (IP33)	10,1 (WXGA)	0…45 °C	778-23987	RK3399
	notion.F (IP65)	10,1 (WXGA)		778-23986	

		Display size [inch] / Graphics	Operating Temperature	Article No.
Terminal	notion.D	15,6 (fullHD) / HDMI	0…50 °C	778-42991
		18,5 (fullHD) / HDMI		778-42998
		21,5 (fullHD) / HDMI	0…45 °C	778-42999
		43 (fullHD) / DP, DVI, VGA	0…45 °C	778-42990
		43 (UHD) / HDMI, DP		778-42989
	notion.D3	15,6 (fullHD) / HDMI	0…50 °C	778-42987
		18,5 (fullHD) / HDMI		778-42988
		21,5 (fullHD) / HDMI	0…45 °C	778-42986
	notion.F (IP65)	10,1 (WXGA) / HDMI	0…45 °C	778-22997
	notion.S.terminal 21,5 / IFP2200	21,5 (fullHD) / DP, DVI, VGA	0…45 °C	778-12999

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